

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020724\
 Data File : BN029571.D
 Acq On : 08 Feb 2024 10:34
 Operator : MA/JU
 Sample : PB158769BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS769

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
 Supervised By :mohammad ahmed 02/09/2024

Quant Time: Feb 09 00:26:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 08 00:25:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	299618	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.681	136	1215222	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	624629	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.275	188	1200190	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	1003157	20.000	ng/ul	0.00
88) Perylene-d12	23.857	264	1190651	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	56715	6.226	ng/uL	0.00
4) Pyridine-d5	3.734	84	765655	31.518	ng/ul	0.00
7) Phenol-d5	7.046	99	858359	30.628	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	561594	30.026	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	665086	32.750	ng/ul	-0.01
15) 4-Methylphenol-d8	8.593	113	625983	29.951	ng/ul	0.00
21) Nitrobenzene-d5	9.046	128	309011	32.763	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	291738	35.516	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.299	165	529232	32.641	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	791671	28.621	ng/ul	-0.01
46) Dimethylphthalate-d6	13.951	166	1434834	30.854	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	1756827	31.811	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	286764	32.489	ng/ul	0.00
60) Fluorene-d10	15.522	176	1217869	30.784	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	196609	33.620	ng/ul	0.00
73) Anthracene-d10	17.375	188	1773066	31.522	ng/ul	0.00
81) Pyrene-d10	19.675	212	1993695	33.118	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.704	264	2006834	33.684	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	118527	12.563	ng/uL	98
5) Pyridine	3.752	79	797040	31.714	ng/ul	96
6) Benzaldehyde	7.022	77	497589	39.609	ng/ul	99
8) Phenol	7.069	94	920275	32.041	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.316	93	769952	31.880	ng/ul	97
12) 2-Chlorophenol	7.440	128	713853	33.503	ng/ul	100
13) 2-Methylphenol	8.322	108	661971	31.938	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.405	45	1006540	31.910	ng/ul	99
16) Acetophenone	8.710	105	1060379	31.877	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.699	70	562494	32.753	ng/ul	98
18) 4-Methylphenol	8.658	108	689747	31.493	ng/ul	99
19) Hexachloroethane	8.946	117	321391	32.504	ng/ul	97
22) Nitrobenzene	9.087	77	874435	32.721	ng/ul	99
23) Isophorone	9.616	82	1522486	32.707	ng/ul	99
25) 2-Nitrophenol	9.799	139	344895	36.768	ng/ul	98
26) 2,4-Dimethylphenol	9.857	107	669217	29.768	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.105	93	951837	32.176	ng/ul	99
29) 2,4-Dichlorophenol	10.328	162	553218	33.021	ng/ul	95
30) Naphthalene	10.728	128	2178706	31.366	ng/ul	99
32) 4-Chloroaniline	10.846	127	693238	25.388	ng/ul	97
33) Hexachlorobutadiene	11.004	225	335282	32.427	ng/ul	98
34) Caprolactam	11.628	113	189870m	34.058	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	658478	34.028	ng/ul	97
36) 2-Methylnaphthalene	12.346	142	1384685	32.520	ng/ul	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020724\
 Data File : BN029571.D
 Acq On : 08 Feb 2024 10:34
 Operator : MA/JU
 Sample : PB158769BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SLCS769

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
 Supervised By :mohammad ahmed 02/09/2024

Quant Time: Feb 09 00:26:04 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Feb 08 00:25:29 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	1346814	31.905	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.710	216	593474	32.054	ng/ul	96
40) Hexachlorocyclopentadiene	12.681	237	350888	28.994	ng/ul	97
41) 2,4,6-Trichlorophenol	12.957	196	370286	34.698	ng/ul	98
42) 2,4,5-Trichlorophenol	13.022	196	411129	34.286	ng/ul	99
43) 1,1'-Biphenyl	13.363	154	1679696	31.886	ng/ul	96
44) 2-Chloronaphthalene	13.398	162	1316290	32.151	ng/ul	99
45) 2-Nitroaniline	13.616	65	436631	36.275	ng/ul	96
47) Dimethylphthalate	13.998	163	1547092	32.499	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	311421	36.559	ng/ul	98
50) Acenaphthylene	14.245	152	2162398	32.625	ng/ul	100
51) 3-Nitroaniline	14.445	138	345091	34.809	ng/ul	97
52) Acenaphthene	14.593	153	1392894	31.813	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	139589	32.291	ng/ul	95
55) 4-Nitrophenol	14.751	109	268495	33.267	ng/ul	97
56) Dibenzofuran	14.928	168	1839565	31.818	ng/ul	99
57) 2,4-Dinitrotoluene	14.904	165	445776	37.170	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.151	232	294996	34.663	ng/ul	97
59) Diethylphthalate	15.363	149	1662766	34.004	ng/ul	100
61) Fluorene	15.575	166	1456983	31.881	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.575	204	647186	31.662	ng/ul	96
63) 4-Nitroaniline	15.610	138	374752	41.882	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.663	198	224336	34.796	ng/ul	94
67) N-Nitrosodiphenylamine	15.792	169	1227562	32.822	ng/ul	96
68) 4-Bromophenyl-phenylether	16.475	248	388652	34.213	ng/ul	90
69) Hexachlorobenzene	16.569	284	424446	33.149	ng/ul	99
70) Atrazine	16.751	200	279875	23.952	ng/ul	98
71) Pentachlorophenol	16.922	266	246562	33.158	ng/ul	95
72) Phenanthrene	17.322	178	2241793	32.290	ng/ul	99
74) Anthracene	17.410	178	2319027	33.283	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.316	216	586328	33.292	ng/ul	98
76) Pentachlorobenzene	14.840	250	521754	33.085	ng/ul	98
77) Carbazole	17.686	167	2128892	33.452	ng/ul	97
78) Di-n-butylphthalate	18.263	149	2786636	36.413	ng/ul	100
80) Fluoranthene	19.339	202	2515830	34.403	ng/ul	98
82) Pyrene	19.704	202	2586626	33.435	ng/ul	99
83) Butylbenzylphthalate	20.627	149	1218701	38.653	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.404	252	715064	36.802	ng/ul	97
85) Benzo(a)anthracene	21.463	228	2533429	34.378	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.410	149	1820032	37.319	ng/ul	99
87) Chrysene	21.516	228	2370023	34.318	ng/ul	96
89) Di-n-octyl phthalate	22.345	149	3197357	34.644	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	2512000	33.495	ng/ul	98
91) Benzo(k)fluoranthene	23.180	252	2570408	33.486	ng/ul	98
93) Benzo(a)pyrene	23.751	252	2410565	33.517	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.327	276	2956706m	33.760	ng/ul	
95) Dibenzo(a,h)anthracene	26.345	278	2483602	34.736	ng/ul	97
96) Benzo(g,h,i)perylene	27.080	276	2390549	32.636	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

