

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
 Data File : BN031628.D
 Acq On : 23 May 2024 12:14
 Operator : MA/JU
 Sample : PB161002BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SLCS002

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/25/2024

Quant Time: May 23 23:04:07 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue May 21 23:42:49 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	465600	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	2016946	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1190319	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	2114647	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1328475	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1340248	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	68009	5.790	ng/uL	0.00
4) Pyridine-d5	3.599	84	1015708	30.985	ng/u1	0.00
7) Phenol-d5	6.858	99	1258409	32.833	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	752416	32.731	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	950564	32.186	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	984062	33.166	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	470806	30.843	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	454766	31.199	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	902336	31.660	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	1475883	35.924	ng/u1	0.00
46) Dimethylphthalate-d6	13.745	166	2570455	34.266	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	3114929	33.131	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	485371	34.197	ng/u1	0.00
60) Fluorene-d10	15.322	176	2187998	33.657	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	281364	30.775	ng/u1	0.00
73) Anthracene-d10	17.169	188	3021259	33.750	ng/u1	0.00
81) Pyrene-d10	19.469	212	2952354	35.430	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	2225102	35.270	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	148750	12.017	ng/uL	98
5) Pyridine	3.622	79	1014135	31.434	ng/u1	95
6) Benzaldehyde	6.840	77	789832	40.233	ng/u1	96
8) Phenol	6.881	94	1302992	33.078	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.122	93	1015695	31.072	ng/u1	97
12) 2-Chlorophenol	7.258	128	974886	31.475	ng/u1	98
13) 2-Methylphenol	8.128	108	951713	32.253	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	1189934	31.514	ng/u1	99
16) Acetophenone	8.510	105	1528898	33.035	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.499	70	766449	32.236	ng/u1	99
18) 4-Methylphenol	8.457	108	1055542	33.659	ng/u1	98
19) Hexachloroethane	8.763	117	398200	30.090	ng/u1	100
22) Nitrobenzene	8.887	77	1125630	30.102	ng/u1	96
23) Isophorone	9.410	82	2217015	31.168	ng/u1	100
25) 2-Nitrophenol	9.593	139	522366	32.153	ng/u1	99
26) 2,4-Dimethylphenol	9.652	107	904133	27.243	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.893	93	1386599	30.579	ng/u1	98
29) 2,4-Dichlorophenol	10.122	162	907554	32.120	ng/u1	98
30) Naphthalene	10.522	128	3107443	29.937	ng/u1	100
32) 4-Chloroaniline	10.634	127	1273157	31.759	ng/u1	96
33) Hexachlorobutadiene	10.804	225	504185	29.160	ng/u1	98
34) Caprolactam	11.404	113	316943m	34.635	ng/u1	
35) 4-Chloro-3-methylphenol	11.757	107	1032324	33.644	ng/u1	98
36) 2-Methylnaphthalene	12.140	142	2116400	31.157	ng/u1	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	2148603	31.954	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.510	216	1042390	30.943	ng/ul	93
40) Hexachlorocyclopentadiene	12.487	237	473615	23.453	ng/ul	98
41) 2,4,6-Trichlorophenol	12.751	196	665425	31.966	ng/ul	97
42) 2,4,5-Trichlorophenol	12.822	196	740005	32.839	ng/ul	91
43) 1,1'-Biphenyl	13.163	154	2685848	31.298	ng/ul	99
44) 2-Chloronaphthalene	13.198	162	2106014	30.994	ng/ul	98
45) 2-Nitroaniline	13.410	65	621652	34.948	ng/ul	99
47) Dimethylphthalate	13.793	163	2547468	33.281	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	503821	34.537	ng/ul	98
50) Acenaphthylene	14.051	152	3372510	31.074	ng/ul	99
51) 3-Nitroaniline	14.240	138	582406	35.173	ng/ul	98
52) Acenaphthene	14.392	153	2211729	31.453	ng/ul	95
53) 2,4-Dinitrophenol	14.440	184	198257	29.595	ng/ul	93
55) 4-Nitrophenol	14.540	109	365738	34.199	ng/ul	99
56) Dibenzofuran	14.728	168	3082871	32.840	ng/ul	100
57) 2,4-Dinitrotoluene	14.692	165	724727	37.083	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.951	232	553304	33.800	ng/ul	99
59) Diethylphthalate	15.163	149	2487256	34.484	ng/ul	97
61) Fluorene	15.381	166	2422658	32.946	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.381	204	1155368	32.636	ng/ul	98
63) 4-Nitroaniline	15.398	138	554616	37.347	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.457	198	327359	32.650	ng/ul	96
67) N-Nitrosodiphenylamine	15.592	169	2087591	33.536	ng/ul	98
68) 4-Bromophenyl-phenylether	16.269	248	680997	31.985	ng/ul	99
69) Hexachlorobenzene	16.375	284	777476	33.834	ng/ul	94
70) Atrazine	16.545	200	479693	28.632	ng/ul	98
71) Pentachlorophenol	16.716	266	420765	32.102	ng/ul	96
72) Phenanthrene	17.116	178	3633447	33.857	ng/ul	98
74) Anthracene	17.204	178	3493548	32.446	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	1020240	30.349	ng/uL	100
76) Pentachlorobenzene	14.645	250	986113	32.395	ng/uL	97
77) Carbazole	17.475	167	3183235	34.645	ng/ul	99
78) Di-n-butylphthalate	18.051	149	3627272	34.381	ng/ul	99
80) Fluoranthene	19.133	202	3579024	34.748	ng/ul	100
82) Pyrene	19.498	202	3683267	34.870	ng/ul	100
83) Butylbenzylphthalate	20.410	149	1245048	34.731	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.216	252	839203	32.853	ng/ul	96
85) Benzo(a)anthracene	21.286	228	3012917	33.726	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.222	149	1686941	34.367	ng/ul	99
87) Chrysene	21.345	228	2769169	33.558	ng/ul	97
89) Di-n-octyl phthalate	22.339	149	2490856	32.517	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	2683365	34.309	ng/ul	98
91) Benzo(k)fluoranthene	23.374	252	2714510	34.048	ng/ul	98
93) Benzo(a)pyrene	24.098	252	2314153	30.803	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.533	276	3183900	35.311	ng/ul	97
95) Dibenzo(a,h)anthracene	27.604	278	2625020	35.352	ng/ul	98
96) Benzo(g,h,i)perylene	28.556	276	2563952m	34.417	ng/ul	

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

