

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060722\
 Data File : BN020048.D
 Acq On : 08 Jun 2022 03:08
 Operator : CG/JU
 Sample : PB145287BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS287

Quant Time: Jun 08 04:02:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 06 15:14:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/08/2022
 Supervised By :mohammad ahmed 06/09/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	104075	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	487444	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	317570	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	682921	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	656910	20.000	ng/u1	0.00
88) Perylene-d12	23.710	264	707808	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	16381	6.817	ng/uL	0.00
4) Pyridine-d5	3.687	84	239628	36.486	ng/u1	0.00
7) Phenol-d5	6.987	99	344313	39.981	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	204495	38.006	ng/u1	0.00
11) 2-Chlorophenol-d4	7.358	132	284968	40.725	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	304062	40.809	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	147394	39.746	ng/u1	0.00
24) 2-Nitrophenol-d4	9.693	143	164675	41.842	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	280170	40.779	ng/u1	0.00
31) 4-Chloroaniline-d4	10.746	131	691006	62.107	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	917001	39.685	ng/u1	0.00
49) Acenaphthylene-d8	14.140	160	1054106	39.337	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	196838	42.511	ng/u1	0.00
60) Fluorene-d10	15.440	176	757701	39.627	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	163910	41.434	ng/u1	0.00
73) Anthracene-d10	17.292	188	1186806	39.820	ng/u1	0.00
81) Pyrene-d10	19.586	212	1367283	38.393	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.563	264	1414761	40.852	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	35504	13.996	ng/uL#	91
5) Pyridine	3.705	79	242117	35.165	ng/u1	93
6) Benzaldehyde	6.958	77	205694	50.691	ng/u1	92
8) Phenol	7.016	94	352580	38.448	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.246	93	267997	37.339	ng/u1	99
12) 2-Chlorophenol	7.387	128	285784	39.073	ng/u1	99
13) 2-Methylphenol	8.263	108	274325	38.912	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.352	45	419566	37.278	ng/u1	96
16) Acetophenone	8.640	105	444333	39.215	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.628	70	221954	38.346	ng/u1	93
18) 4-Methylphenol	8.593	108	306351	39.372	ng/u1	96
19) Hexachloroethane	8.905	117	108474	36.858	ng/u1	91
22) Nitrobenzene	9.016	77	323563	37.631	ng/u1	96
23) Isophorone	9.540	82	642625	37.853	ng/u1	99
25) 2-Nitrophenol	9.728	139	170919	39.302	ng/u1	97
26) 2,4-Dimethylphenol	9.793	107	336709	37.372	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.028	93	380429	36.618	ng/u1	96
29) 2,4-Dichlorophenol	10.263	162	279164	39.281	ng/u1	98
30) Naphthalene	10.663	128	935743	37.041	ng/u1	100
32) 4-Chloroaniline	10.769	127	407140	36.585	ng/u1	99
33) Hexachlorobutadiene	10.957	225	149264	36.581	ng/u1	94
34) Caprolactam	11.516	113	111997m	40.355	ng/u1	
35) 4-Chloro-3-methylphenol	11.899	107	343139	40.890	ng/u1	98
36) 2-Methylnaphthalene	12.275	142	650900	38.111	ng/u1	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060722\
 Data File : BN020048.D
 Acq On : 08 Jun 2022 03:08
 Operator : CG/JU
 Sample : PB145287BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS287

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/08/2022
 Supervised By :mohammad ahmed 06/09/2022

Quant Time: Jun 08 04:02:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 06 15:14:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.493	142	669970	38.440	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.646	216	298838	36.896	ng/ul	96
40) Hexachlorocyclopentadiene	12.634	237	155974	31.657	ng/ul	93
41) 2,4,6-Trichlorophenol	12.887	196	214879	38.476	ng/ul	96
42) 2,4,5-Trichlorophenol	12.957	196	239408	38.706	ng/ul	99
43) 1,1'-Biphenyl	13.287	154	880827	37.458	ng/ul	98
44) 2-Chloronaphthalene	13.328	162	660770	37.040	ng/ul	94
45) 2-Nitroaniline	13.522	65	229947	41.433	ng/ul	97
47) Dimethylphthalate	13.910	163	888702	38.205	ng/ul	99
48) 2,6-Dinitrotoluene	14.022	165	189250	41.611	ng/ul	98
50) Acenaphthylene	14.169	152	1129812	38.081	ng/ul	99
51) 3-Nitroaniline	14.351	138	209025	43.473	ng/ul	98
52) Acenaphthene	14.516	153	729701	37.654	ng/ul	98
53) 2,4-Dinitrophenol	14.557	184	114204	39.220	ng/ul	94
55) 4-Nitrophenol	14.663	109	164166	41.536	ng/ul	97
56) Dibenzofuran	14.851	168	1026419	37.595	ng/ul	97
57) 2,4-Dinitrotoluene	14.810	165	289869	43.045	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.075	232	192377	39.622	ng/ul	93
59) Diethylphthalate	15.275	149	930550	38.856	ng/ul	97
61) Fluorene	15.498	166	808500	38.056	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.492	204	369620	37.779	ng/ul	91
63) 4-Nitroaniline	15.510	138	216509	48.189	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.575	198	155258	38.711	ng/ul#	90
67) N-Nitrosodiphenylamine	15.704	169	736825	37.635	ng/ul	98
68) 4-Bromophenyl-phenylether	16.387	248	224622	37.769	ng/ul#	89
69) Hexachlorobenzene	16.504	284	255796	37.417	ng/ul#	88
70) Atrazine	16.657	200	190861	27.940	ng/ul	96
71) Pentachlorophenol	16.845	266	163173	38.322	ng/ul	98
72) Phenanthrene	17.234	178	1384345	38.411	ng/ul	100
74) Anthracene	17.322	178	1371513	37.846	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.251	216	321692	35.177	ng/uL	98
76) Pentachlorobenzene	14.775	250	298190	36.893	ng/uL	99
77) Carbazole	17.592	167	1347466	40.871	ng/ul	99
78) Di-n-butylphthalate	18.163	149	1658297	40.564	ng/ul	99
80) Fluoranthene	19.251	202	1616743	37.589	ng/ul	98
82) Pyrene	19.616	202	1668079	37.802	ng/ul	99
83) Butylbenzylphthalate	20.516	149	802976	40.434	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.298	252	531491	42.361	ng/ul	98
85) Benzo(a)anthracene	21.363	228	1600216	38.577	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.304	149	1109816	39.608	ng/ul	99
87) Chrysene	21.416	228	1549444	38.180	ng/ul	99
89) Di-n-octyl phthalate	22.204	149	2068339	35.903	ng/ul	100
90) Benzo(b)fluoranthene	23.004	252	1747643m	39.341	ng/ul	
91) Benzo(k)fluoranthene	23.051	252	1602840	37.903	ng/ul	96
93) Benzo(a)pyrene	23.610	252	1663132	38.677	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.104	276	1813853	40.999	ng/ul	93
95) Dibenzo(a,h)anthracene	26.121	278	1544255	40.866	ng/ul	98
96) Benzo(g,h,i)perylene	26.833	276	1554245	41.601	ng/ul	93

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

