

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112822\
 Data File : BP012839.D
 Acq On : 29 Nov 2022 04:28
 Operator : CG/JU
 Sample : PB149199BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS199

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/29/2022
 Supervised By :mohammad ahmed 11/30/2022

Quant Time: Nov 29 09:00:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Nov 27 22:55:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	666108	20.000	ng/u1	0.00
20) Naphthalene-d8	10.828	136	2923721	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	1843664	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.404	188	3419721	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	2171079	20.000	ng/u1	-0.01
88) Perylene-d12	23.998	264	2113130	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	89899	5.783	ng/uL	0.00
4) Pyridine-d5	3.816	84	1207947	25.967	ng/u1	0.00
7) Phenol-d5	7.163	99	1634093	29.854	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	992179	29.417	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	1265670	30.346	ng/u1	0.00
15) 4-Methylphenol-d8	8.722	113	1294563	29.354	ng/u1	0.00
21) Nitrobenzene-d5	9.181	128	606580	33.897	ng/u1	0.00
24) 2-Nitrophenol-d4	9.904	143	676599	35.609	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	1350830	30.469	ng/u1	0.00
31) 4-Chloroaniline-d4	10.963	131	1571102	25.878	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	3663288	28.867	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	4388824	29.640	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	611946	27.047	ng/u1	0.00
60) Fluorene-d10	15.639	176	3226101	29.028	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	533169	32.621	ng/u1	0.00
73) Anthracene-d10	17.504	188	4463110	29.649	ng/u1	0.00
81) Pyrene-d10	19.727	212	4152381	32.916	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	3122045	30.079	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	175025	10.484	ng/uL	98
5) Pyridine	3.840	79	1208503	26.550	ng/u1	99
6) Benzaldehyde	7.146	77	898257m	33.611	ng/u1	
8) Phenol	7.193	94	1634433	28.477	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.434	93	1322777	28.129	ng/u1	99
12) 2-Chlorophenol	7.575	128	1303352	28.728	ng/u1	100
13) 2-Methylphenol	8.451	108	1252615	28.081	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.546	45	1864493	27.488	ng/u1	99
16) Acetophenone	8.840	105	1987903	28.440	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.828	70	985150	28.611	ng/u1	99
18) 4-Methylphenol	8.781	108	1378694	28.064	ng/u1	100
19) Hexachloroethane	9.104	117	502147	28.862	ng/u1	97
22) Nitrobenzene	9.222	77	1440958	30.702	ng/u1	99
23) Isophorone	9.751	82	2826134	27.314	ng/u1	100
25) 2-Nitrophenol	9.940	139	742931	32.574	ng/u1	96
26) 2,4-Dimethylphenol	9.993	107	1365346	26.940	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.234	93	1786476	28.162	ng/u1	100
29) 2,4-Dichlorophenol	10.469	162	1312134	28.570	ng/u1	99
30) Naphthalene	10.881	128	4276204	27.931	ng/u1	100
32) 4-Chloroaniline	10.987	127	1553447	24.915	ng/u1	99
33) Hexachlorobutadiene	11.169	225	870169	28.445	ng/u1	99
34) Caprolactam	11.763	113	366990m	26.022	ng/u1	
35) 4-Chloro-3-methylphenol	12.098	107	1317759	28.334	ng/u1	99
36) 2-Methylnaphthalene	12.481	142	2949519	27.977	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	2948854	27.909	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.845	216	1687596	28.705	ng/u1	100
40) Hexachlorocyclopentadiene	12.828	237	822002	29.017	ng/u1	99
41) 2,4,6-Trichlorophenol	13.081	196	1068549	29.048	ng/u1	98
42) 2,4,5-Trichlorophenol	13.151	196	1150614	29.096	ng/u1	99
43) 1,1'-Biphenyl	13.487	154	3850781	28.672	ng/u1	99
44) 2-Chloronaphthalene	13.528	162	3057420	28.456	ng/u1	99
45) 2-Nitroaniline	13.728	65	735479	34.986	ng/u1	98
47) Dimethylphthalate	14.104	163	3677521	27.645	ng/u1	99
48) 2,6-Dinitrotoluene	14.222	165	698895	33.571	ng/u1	99
50) Acenaphthylene	14.375	152	4582536	28.303	ng/u1	100
51) 3-Nitroaniline	14.551	138	655871	27.203	ng/u1	98
52) Acenaphthene	14.716	153	3187733	27.966	ng/u1	99
53) 2,4-Dinitrophenol	14.751	184	364928	27.279	ng/u1	96
55) 4-Nitrophenol	14.851	109	417238	25.383	ng/u1	96
56) Dibenzofuran	15.045	168	4418939	28.125	ng/u1	99
57) 2,4-Dinitrotoluene	15.004	165	954797	31.079	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.269	232	960784	28.189	ng/u1	99
59) Diethylphthalate	15.469	149	3446112	26.763	ng/u1	99
61) Fluorene	15.698	166	3505925	27.825	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.692	204	1827507	27.954	ng/u1	97
63) 4-Nitroaniline	15.716	138	609680	29.669	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.769	198	545429	31.089	ng/u1#	95
67) N-Nitrosodiphenylamine	15.904	169	2963721	30.494	ng/u1	99
68) 4-Bromophenyl-phenylether	16.586	248	1056115	31.378	ng/u1	98
69) Hexachlorobenzene	16.704	284	1264010	29.465	ng/u1	98
70) Atrazine	16.857	200	887123	26.604	ng/u1	98
71) Pentachlorophenol	17.045	266	703122	26.690	ng/u1	98
72) Phenanthrene	17.445	178	5181476	28.429	ng/u1	100
74) Anthracene	17.539	178	5146954	28.545	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	1672142	31.629	ng/uL	99
76) Pentachlorobenzene	14.969	250	1570499	28.577	ng/uL	98
77) Carbazole	17.804	167	4263585	27.951	ng/u1	100
78) Di-n-butylphthalate	18.351	149	4678012	25.906	ng/u1	99
80) Fluoranthene	19.404	202	4989486	31.798	ng/u1	99
82) Pyrene	19.757	202	5046797	31.097	ng/u1	99
83) Butylbenzylphthalate	20.621	149	1279634	33.694	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.398	252	1074997	26.963	ng/u1	99
85) Benzo(a)anthracene	21.474	228	3969483	26.434	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	1635089	28.153	ng/u1	99
87) Chrysene	21.527	228	3793953	26.131	ng/u1	100
89) Di-n-octyl phthalate	22.351	149	2412958	19.996	ng/u1	100
90) Benzo(b)fluoranthene	23.227	252	3941240	25.187	ng/u1	100
91) Benzo(k)fluoranthene	23.280	252	3792858	24.283	ng/u1	99
93) Benzo(a)pyrene	23.886	252	3513429	27.305	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.639	276	4677740	37.680	ng/u1	100
95) Dibenzo(a,h)anthracene	26.656	278	4084517	36.260	ng/u1	98
96) Benzo(g,h,i)perylene	27.445	276	4141167	38.783	ng/u1	99

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

