

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100322\
 Data File : BP011905.D
 Acq On : 04 Oct 2022 11:00
 Operator : CG/JU
 Sample : PB148002BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS002

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Oct 05 04:31:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 01 00:53:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	272115	20.000	ng/ul	0.00
20) Naphthalene-d8	10.693	136	1070796	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.534	164	594394	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	1217133	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	1378636	20.000	ng/ul	-0.01
88) Perylene-d12	23.815	264	1397631	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	50411	8.170	ng/uL	0.00
4) Pyridine-d5	3.722	84	654934	36.239	ng/ul	-0.01
7) Phenol-d5	7.052	99	903036	38.441	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	501861	38.542	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.416	132	755170	40.722	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	689134	35.487	ng/ul	0.00
21) Nitrobenzene-d5	9.052	128	354575	43.473	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.775	143	377591	43.271	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.316	165	686352	42.524	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	939169	38.168	ng/ul	-0.01
46) Dimethylphthalate-d6	13.945	166	1768406	41.604	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	2138899	44.141	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	391811	44.514	ng/ul	0.00
60) Fluorene-d10	15.528	176	1568241	42.484	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	309035	41.949	ng/ul	0.00
73) Anthracene-d10	17.392	188	2400947	43.305	ng/ul	0.00
81) Pyrene-d10	19.622	212	3018952	43.239	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.657	264	3316885	47.409	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.334	88	103074	15.468	ng/uL	96
5) Pyridine	3.740	79	657012	37.456	ng/ul	96
6) Benzaldehyde	7.028	77	497718	48.366	ng/ul	100
8) Phenol	7.075	94	886478	36.383	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.310	93	702016	36.209	ng/ul	99
12) 2-Chlorophenol	7.446	128	759811	38.325	ng/ul	99
13) 2-Methylphenol	8.334	108	664653	34.624	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.422	45	677648	35.455	ng/ul	100
16) Acetophenone	8.716	105	1001057	33.811	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.705	70	453025	32.509	ng/ul	99
18) 4-Methylphenol	8.663	108	705087	33.336	ng/ul	98
19) Hexachloroethane	8.969	117	292287	39.528	ng/ul	99
22) Nitrobenzene	9.099	77	720491	41.074	ng/ul	99
23) Isophorone	9.628	82	1293609	36.354	ng/ul	100
25) 2-Nitrophenol	9.810	139	405801	40.717	ng/ul	99
26) 2,4-Dimethylphenol	9.869	107	590979	31.565	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.110	93	871178	37.947	ng/ul	99
29) 2,4-Dichlorophenol	10.346	162	668822	39.992	ng/ul	99
30) Naphthalene	10.746	128	2274636	39.549	ng/ul	99
32) 4-Chloroaniline	10.857	127	885812	35.188	ng/ul	98
33) Hexachlorobutadiene	11.028	225	404510	40.863	ng/ul	99
34) Caprolactam	11.651	113	190498m	32.185	ng/ul	
35) 4-Chloro-3-methylphenol	11.987	107	651128	36.720	ng/ul	100
36) 2-Methylnaphthalene	12.357	142	1497021	37.272	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.575	142	1504529	37.331	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.722	216	758992	44.031	ng/ul	99
40) Hexachlorocyclopentadiene	12.698	237	324656	32.968	ng/ul	100
41) 2,4,6-Trichlorophenol	12.963	196	500619	43.386	ng/ul	97
42) 2,4,5-Trichlorophenol	13.034	196	541783	43.104	ng/ul	99
43) 1,1'-Biphenyl	13.369	154	1861410	42.339	ng/ul	100
44) 2-Chloronaphthalene	13.410	162	1492847	42.949	ng/ul	99
45) 2-Nitroaniline	13.616	65	364621	42.974	ng/ul	99
47) Dimethylphthalate	13.992	163	1743768	39.146	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	358670	41.315	ng/ul	97
50) Acenaphthylene	14.257	152	2235064	41.531	ng/ul	99
51) 3-Nitroaniline	14.445	138	417804	41.521	ng/ul	96
52) Acenaphthene	14.598	153	1568827	41.319	ng/ul	100
53) 2,4-Dinitrophenol	14.645	184	215555	36.623	ng/ul	99
55) 4-Nitrophenol	14.751	109	248435	41.811	ng/ul	97
56) Dibenzofuran	14.934	168	2116990	40.707	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	526310	41.475	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.157	232	445582	40.808	ng/ul	99
59) Diethylphthalate	15.357	149	1715539	38.441	ng/ul	100
61) Fluorene	15.586	166	1717725	40.328	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.575	204	835287	39.613	ng/ul	98
63) 4-Nitroaniline	15.610	138	439756	45.798	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.663	198	313468	40.165	ng/ul	98
67) N-Nitrosodiphenylamine	15.792	169	1477521	41.151	ng/ul	98
68) 4-Bromophenyl-phenylether	16.475	248	503666	40.683	ng/ul	99
69) Hexachlorobenzene	16.586	284	583398	41.410	ng/ul	98
70) Atrazine	16.751	200	491397	37.931	ng/ul	100
71) Pentachlorophenol	16.939	266	380037	41.014	ng/ul	99
72) Phenanthrene	17.333	178	2811995	42.040	ng/ul	99
74) Anthracene	17.428	178	2756224	40.954	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.328	216	797328	47.461	ng/ul	99
76) Pentachlorobenzene	14.851	250	679212	37.836	ng/ul	98
77) Carbazole	17.698	167	2713596	44.626	ng/ul	100
78) Di-n-butylphthalate	18.245	149	2978591	40.000	ng/ul	99
80) Fluoranthene	19.298	202	3467413	40.580	ng/ul	99
82) Pyrene	19.651	202	3623753	40.733	ng/ul	100
83) Butylbenzylphthalate	20.522	149	1519051	39.507	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.298	252	1331275	41.946	ng/ul	99
85) Benzo(a)anthracene	21.363	228	3783737	41.969	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	2187369	37.767	ng/ul	99
87) Chrysene	21.416	228	3555215	42.020	ng/ul	100
89) Di-n-octyl phthalate	22.216	149	3905176	43.795	ng/ul	100
90) Benzo(b)fluoranthene	23.068	252	4036340	45.247	ng/ul	100
91) Benzo(k)fluoranthene	23.116	252	3901696	45.420	ng/ul	99
93) Benzo(a)pyrene	23.704	252	3576391	44.924	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.357	276	4388603	43.310	ng/ul	98
95) Dibenzo(a,h)anthracene	26.374	278	3948150	43.861	ng/ul	98
96) Benzo(g,h,i)perylene	27.133	276	3862213	42.993	ng/ul	99

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

