

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082523\
 Data File : BP016781.D
 Acq On : 26 Aug 2023 11:55
 Operator : MA/JU
 Sample : PB155031BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS031

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/28/2023
 Supervised By :mohammad ahmed 08/28/2023

Quant Time: Aug 26 15:59:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 01:47:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	351201	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	1524493	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.686	164	942229	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	2014950	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	1522663	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	1266053	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	74660	8.786	ng/uL	0.00
4) Pyridine-d5	3.816	84	931349	35.865	ng/ul	0.00
7) Phenol-d5	7.175	99	1200722	38.449	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	719527	36.151	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	900520	38.352	ng/ul	0.00
15) 4-Methylphenol-d8	8.740	113	929434	36.458	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	449330	38.982	ng/ul	0.00
24) 2-Nitrophenol-d4	9.945	143	495350	40.770	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	921250	40.671	ng/ul	0.00
31) 4-Chloroaniline-d4	11.022	131	1196558	34.447	ng/ul	0.00
46) Dimethylphthalate-d6	14.098	166	2667156	37.535	ng/ul	0.00
49) Acenaphthylene-d8	14.386	160	3142089	39.116	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	503612	34.290	ng/ul	0.00
60) Fluorene-d10	15.680	176	2315436	38.695	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	412333	34.362	ng/ul	0.00
73) Anthracene-d10	17.557	188	3554403	39.797	ng/ul	0.00
81) Pyrene-d10	19.792	212	3889079	46.505	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.956	264	2560906	40.381	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	124723	13.478	ng/uL	100
5) Pyridine	3.840	79	877951	32.822	ng/ul	99
6) Benzaldehyde	7.187	77	659492	38.616	ng/ul	99
8) Phenol	7.204	94	1214147	37.150	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.469	93	950476	36.029	ng/ul	97
12) 2-Chlorophenol	7.587	128	921023	38.376	ng/ul	97
13) 2-Methylphenol	8.469	108	910502	37.140	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.563	45	1319772m	34.296	ng/ul	
16) Acetophenone	8.887	105	1446459	36.592	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.857	70	759926	36.479	ng/ul	99
18) 4-Methylphenol	8.810	108	987125	36.976	ng/ul	99
19) Hexachloroethane	9.104	117	368691	36.921	ng/ul	99
22) Nitrobenzene	9.275	77	1115094	37.709	ng/ul	100
23) Isophorone	9.793	82	2155529	37.531	ng/ul	100
25) 2-Nitrophenol	9.981	139	530971	39.523	ng/ul	100
26) 2,4-Dimethylphenol	10.016	107	1001587	37.093	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.275	93	1315150	37.116	ng/ul	99
29) 2,4-Dichlorophenol	10.498	162	908280	39.919	ng/ul	99
30) Naphthalene	10.916	128	3010742	38.125	ng/ul	100
32) 4-Chloroaniline	11.045	127	1169125	34.248	ng/ul	99
33) Hexachlorobutadiene	11.145	225	525424	37.489	ng/ul	98
34) Caprolactam	11.875	113	313645m	37.379	ng/ul	
35) 4-Chloro-3-methylphenol	12.145	107	996037	39.037	ng/ul	98
36) 2-Methylnaphthalene	12.516	142	2045716	37.530	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.734	142	1991612	36.232	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.863	216	1029676	38.342	ng/ul	99
40) Hexachlorocyclopentadiene	12.816	237	552972	28.000	ng/ul	99
41) 2,4,6-Trichlorophenol	13.116	196	729951	40.704	ng/ul	99
42) 2,4,5-Trichlorophenol	13.186	196	800366	41.244	ng/ul	99
43) 1,1'-Biphenyl	13.522	154	2733356	39.017	ng/ul	100
44) 2-Chloronaphthalene	13.569	162	2159125	39.042	ng/ul	100
45) 2-Nitroaniline	13.804	65	652872	38.927	ng/ul	94
47) Dimethylphthalate	14.145	163	2715761	37.738	ng/ul	100
48) 2,6-Dinitrotoluene	14.292	165	569228	40.367	ng/ul	95
50) Acenaphthylene	14.416	152	3417644	37.172	ng/ul	100
51) 3-Nitroaniline	14.628	138	570898	38.880	ng/ul	96
52) Acenaphthene	14.751	153	2327727	38.269	ng/ul	100
53) 2,4-Dinitrophenol	14.828	184	265865	25.947	ng/ul	95
55) 4-Nitrophenol	14.916	109	377116	34.000	ng/ul	97
56) Dibenzofuran	15.086	168	3221678	38.602	ng/ul	99
57) 2,4-Dinitrotoluene	15.075	165	817953	39.409	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.304	232	653105	39.533	ng/ul	99
59) Diethylphthalate	15.504	149	2773552	37.938	ng/ul	99
61) Fluorene	15.739	166	2666924	38.204	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.727	204	1306715	38.126	ng/ul	99
63) 4-Nitroaniline	15.798	138	551724	39.488	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.822	198	427742	33.063	ng/ul	97
67) N-Nitrosodiphenylamine	15.951	169	2243015	40.248	ng/ul	100
68) 4-Bromophenyl-phenylether	16.633	248	774947	40.115	ng/ul	98
69) Hexachlorobenzene	16.716	284	842119	38.933	ng/ul	98
70) Atrazine	16.910	200	778270	37.042	ng/ul	99
71) Pentachlorophenol	17.080	266	529902	33.003	ng/ul	99
72) Phenanthrene	17.498	178	4190903	39.508	ng/ul	100
74) Anthracene	17.592	178	4191224	39.076	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.475	216	103752	3.846	ng/uL	98
76) Pentachlorobenzene	14.980	250	1030771	42.752	ng/uL	99
77) Carbazole	17.874	167	3837157	39.722	ng/ul	100
78) Di-n-butylphthalate	18.380	149	4805797	39.876	ng/ul	100
80) Fluoranthene	19.463	202	4719539	46.980	ng/ul	100
82) Pyrene	19.821	202	4852256	46.760	ng/ul	98
83) Butylbenzylphthalate	20.674	149	2147780	47.993	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.474	252	1286347	39.524	ng/ul	99
85) Benzo(a)anthracene	21.533	228	4172167	39.780	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.410	149	3131891	47.928	ng/ul	100
87) Chrysene	21.592	228	3854076	40.454	ng/ul	100
89) Di-n-octyl phthalate	22.392	149	4954385	51.964	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	3363644	41.605	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	3227650	40.368	ng/ul	99
93) Benzo(a)pyrene	24.009	252	2817991	38.535	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.862	276	3312279	44.326	ng/ul	99
95) Dibenzo(a,h)anthracene	26.892	278	2737261	44.103	ng/ul	99
96) Benzo(g,h,i)perylene	27.721	276	2665193	47.044	ng/ul	98

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

