

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016883.D
 Acq On : 30 Aug 2023 21:55
 Operator : MA/JU
 Sample : PB155126BS
 Misc :
 ALS Vial : 102 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS126

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/31/2023
 Supervised By :mohammad ahmed 08/31/2023

Quant Time: Aug 31 01:53:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	429363	20.000	ng/ul	0.00
20) Naphthalene-d8	10.852	136	1889034	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.675	164	1170279	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	2542650	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	2023664	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	1684158	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	66604	6.411	ng/uL	0.00
4) Pyridine-d5	3.811	84	960227	30.246	ng/ul	0.00
7) Phenol-d5	7.169	99	1282633	33.595	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	775912	31.887	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	943681	32.874	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	981431	31.489	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	472837	33.105	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	521013	34.607	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	962431	34.290	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	1304073	30.297	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	2860516	32.412	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	3320269	33.279	ng/ul	0.00
54) 4-Nitrophenol-d4	14.887	143	527467	28.916	ng/ul	0.00
60) Fluorene-d10	15.669	176	2471339	33.252	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	452615	29.891	ng/ul	0.00
73) Anthracene-d10	17.545	188	3695177	32.786	ng/ul	0.00
81) Pyrene-d10	19.780	212	4292265	38.619	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	2993036	35.479	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	138527	12.245	ng/uL	98
5) Pyridine	3.834	79	980910	29.995	ng/ul	99
6) Benzaldehyde	7.181	77	771553	36.954	ng/ul	99
8) Phenol	7.193	94	1352260	33.844	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.458	93	1045571	32.419	ng/ul	98
12) 2-Chlorophenol	7.575	128	1004666	34.240	ng/ul	100
13) 2-Methylphenol	8.457	108	979038	32.665	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.534	45	1500798m	31.900	ng/ul	
16) Acetophenone	8.875	105	1605368	33.218	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.846	70	860556	33.789	ng/ul	98
18) 4-Methylphenol	8.799	108	1082520	33.168	ng/ul	99
19) Hexachloroethane	9.093	117	396563	32.483	ng/ul	98
22) Nitrobenzene	9.263	77	1266833	34.573	ng/ul	99
23) Isophorone	9.781	82	2404565	33.788	ng/ul	100
25) 2-Nitrophenol	9.969	139	584362	35.103	ng/ul	100
26) 2,4-Dimethylphenol	10.004	107	918557	27.454	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.263	93	1472486	33.537	ng/ul	99
29) 2,4-Dichlorophenol	10.487	162	990421	35.129	ng/ul	100
30) Naphthalene	10.904	128	3287134	33.592	ng/ul	100
32) 4-Chloroaniline	11.034	127	1315459	31.099	ng/ul	100
33) Hexachlorobutadiene	11.134	225	544803	31.370	ng/ul	98
34) Caprolactam	11.869	113	350332m	33.694	ng/ul	
35) 4-Chloro-3-methylphenol	12.134	107	1120564	35.443	ng/ul	99
36) 2-Methylnaphthalene	12.504	142	2271870	33.635	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	2194713	32.222	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.851	216	1106772	33.182	ng/ul	99
40) Hexachlorocyclopentadiene	12.804	237	444118	18.106	ng/ul	99
41) 2,4,6-Trichlorophenol	13.104	196	788006	35.378	ng/ul	99
42) 2,4,5-Trichlorophenol	13.175	196	857277	35.568	ng/ul	100
43) 1,1'-Biphenyl	13.510	154	3026994	34.789	ng/ul	99
44) 2-Chloronaphthalene	13.557	162	2396170	34.885	ng/ul	99
45) 2-Nitroaniline	13.793	65	767921	36.864	ng/ul	99
47) Dimethylphthalate	14.140	163	3023090	33.823	ng/ul	100
48) 2,6-Dinitrotoluene	14.281	165	638093	36.433	ng/ul	99
50) Acenaphthylene	14.404	152	3760635	32.932	ng/ul	100
51) 3-Nitroaniline	14.622	138	651742	35.737	ng/ul	99
52) Acenaphthene	14.740	153	2584713	34.214	ng/ul	100
53) 2,4-Dinitrophenol	14.816	184	292616	22.993	ng/ul	99
55) 4-Nitrophenol	14.904	109	424566	30.819	ng/ul	99
56) Dibenzofuran	15.075	168	3560774	34.351	ng/ul	97
57) 2,4-Dinitrotoluene	15.063	165	918949	35.647	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.292	232	708070	34.508	ng/ul	100
59) Diethylphthalate	15.492	149	3080186	33.922	ng/ul	99
61) Fluorene	15.728	166	2975484	34.318	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.716	204	1437377	33.766	ng/ul	98
63) 4-Nitroaniline	15.792	138	630237	36.317	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.816	198	485215	29.722	ng/ul	99
67) N-Nitrosodiphenylamine	15.945	169	2495816	35.490	ng/ul	100
68) 4-Bromophenyl-phenylether	16.622	248	846256	34.714	ng/ul	96
69) Hexachlorobenzene	16.704	284	931029	34.110	ng/ul	98
70) Atrazine	16.898	200	841347	31.733	ng/ul	99
71) Pentachlorophenol	17.069	266	575850	28.421	ng/ul	99
72) Phenanthrene	17.486	178	4720315	35.263	ng/ul	99
74) Anthracene	17.581	178	4593978	33.942	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.463	216	110355	3.241	ng/uL	97
76) Pentachlorobenzene	14.969	250	1111775	36.541	ng/uL	99
77) Carbazole	17.863	167	4309006	35.349	ng/ul	99
78) Di-n-butylphthalate	18.369	149	5406291	35.549	ng/ul	99
80) Fluoranthene	19.451	202	5395482	40.412	ng/ul	99
82) Pyrene	19.810	202	5534621	40.131	ng/ul	99
83) Butylbenzylphthalate	20.663	149	2476664	41.641	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.463	252	1469993	33.985	ng/ul	99
85) Benzo(a)anthracene	21.527	228	4925644	35.337	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.398	149	3605064	41.511	ng/ul	100
87) Chrysene	21.586	228	4538325	35.842	ng/ul	100
89) Di-n-octyl phthalate	22.380	149	5852074	46.142	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	4037925	37.546	ng/ul	100
91) Benzo(k)fluoranthene	23.363	252	4067890	38.246	ng/ul	100
93) Benzo(a)pyrene	23.998	252	3469042	35.661	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.839	276	3960566	39.843	ng/ul	99
95) Dibenzo(a,h)anthracene	26.862	278	3271102	39.620	ng/ul	100
96) Benzo(g,h,i)perylene	27.686	276	3132117	41.561	ng/ul	99

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

