

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016810.D
 Acq On : 29 Aug 2023 01:30
 Operator : MA/JU
 Sample : PB155078BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS078

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 02:10:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 01:12:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	328049	20.000	ng/u1	0.00
20) Naphthalene-d8	10.857	136	1463976	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.680	164	918695	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	2021100	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1745214	20.000	ng/u1	0.00
88) Perylene-d12	24.115	264	1519367	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	81836	10.310	ng/uL	0.00
4) Pyridine-d5	3.816	84	984362	40.582	ng/u1	0.00
7) Phenol-d5	7.175	99	1288699	44.178	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	766891	41.249	ng/u1	0.00
11) 2-Chlorophenol-d4	7.551	132	954017	43.498	ng/u1	0.00
15) 4-Methylphenol-d8	8.740	113	1005122	42.209	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	480377	43.398	ng/u1	0.00
24) 2-Nitrophenol-d4	9.945	143	533845	45.754	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.469	165	992234	45.616	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	1308896	39.238	ng/u1	0.00
46) Dimethylphthalate-d6	14.098	166	2894772	41.782	ng/u1	0.00
49) Acenaphthylene-d8	14.380	160	3419078	43.655	ng/u1	0.00
54) 4-Nitrophenol-d4	14.892	143	571449	39.906	ng/u1	0.00
60) Fluorene-d10	15.680	176	2545962	43.638	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	470443	39.085	ng/u1	0.00
73) Anthracene-d10	17.551	188	3938820	43.967	ng/u1	0.00
81) Pyrene-d10	19.786	212	4547226	47.441	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	3473878	45.645	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.416	88	130391	15.085	ng/uL	99
5) Pyridine	3.834	79	920054	36.823	ng/u1	98
6) Benzaldehyde	7.187	77	705647	44.235	ng/u1	97
8) Phenol	7.204	94	1281288	41.971	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.463	93	995556	40.401	ng/u1	98
12) 2-Chlorophenol	7.581	128	958411	42.752	ng/u1	99
13) 2-Methylphenol	8.469	108	952218	41.582	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.545	45	1386952m	38.585	ng/u1	
16) Acetophenone	8.881	105	1524920	41.299	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.857	70	810184	41.636	ng/u1	98
18) 4-Methylphenol	8.804	108	1053288	42.239	ng/u1	99
19) Hexachloroethane	9.104	117	379354	40.670	ng/u1	95
22) Nitrobenzene	9.275	77	1179324	41.529	ng/u1	98
23) Isophorone	9.787	82	2280815	41.354	ng/u1	100
25) 2-Nitrophenol	9.975	139	561247	43.503	ng/u1	99
26) 2,4-Dimethylphenol	10.010	107	1026010	39.569	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.275	93	1384458	40.687	ng/u1	100
29) 2,4-Dichlorophenol	10.498	162	962406	44.047	ng/u1	98
30) Naphthalene	10.910	128	3149796	41.534	ng/u1	99
32) 4-Chloroaniline	11.045	127	1268978	38.710	ng/u1	99
33) Hexachlorobutadiene	11.145	225	550672	40.914	ng/u1	97
34) Caprolactam	11.869	113	341477m	42.379	ng/u1	
35) 4-Chloro-3-methylphenol	12.139	107	1066638	43.532	ng/u1	98
36) 2-Methylnaphthalene	12.510	142	2171532	41.485	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.733	142	2103042	39.841	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.863	216	1094561	41.802	ng/ul	98
40) Hexachlorocyclopentadiene	12.810	237	555105	28.828	ng/ul	98
41) 2,4,6-Trichlorophenol	13.110	196	780475	44.636	ng/ul	99
42) 2,4,5-Trichlorophenol	13.181	196	853407	45.104	ng/ul	97
43) 1,1'-Biphenyl	13.516	154	2915554	42.684	ng/ul	99
44) 2-Chloronaphthalene	13.563	162	2293413	42.532	ng/ul	100
45) 2-Nitroaniline	13.798	65	716274	43.801	ng/ul	94
47) Dimethylphthalate	14.145	163	2913647	41.525	ng/ul	100
48) 2,6-Dinitrotoluene	14.286	165	617322	44.900	ng/ul	98
50) Acenaphthylene	14.416	152	3647760	40.692	ng/ul	100
51) 3-Nitroaniline	14.622	138	624710	43.635	ng/ul	100
52) Acenaphthene	14.751	153	2488941	41.968	ng/ul	99
53) 2,4-Dinitrophenol	14.822	184	306727	30.701	ng/ul	98
55) 4-Nitrophenol	14.910	109	421375	38.963	ng/ul	99
56) Dibenzofuran	15.086	168	3440125	42.276	ng/ul	99
57) 2,4-Dinitrotoluene	15.069	165	885091	43.736	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.298	232	709219	44.029	ng/ul	97
59) Diethylphthalate	15.498	149	2925080	41.036	ng/ul	99
61) Fluorene	15.733	166	2857854	41.988	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.722	204	1388011	41.535	ng/ul	98
63) 4-Nitroaniline	15.792	138	620856	45.574	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.822	198	477342	36.785	ng/ul	96
67) N-Nitrosodiphenylamine	15.951	169	2411806	43.145	ng/ul	99
68) 4-Bromophenyl-phenylether	16.627	248	834806	43.082	ng/ul	96
69) Hexachlorobenzene	16.710	284	921831	42.489	ng/ul	98
70) Atrazine	16.904	200	840515	39.883	ng/ul	99
71) Pentachlorophenol	17.074	266	594045	36.885	ng/ul	99
72) Phenanthrene	17.492	178	4571289	42.963	ng/ul	99
74) Anthracene	17.586	178	4558971	42.375	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.469	216	109568	4.049	ng/uL	96
76) Pentachlorobenzene	14.975	250	1100138	45.490	ng/uL	99
77) Carbazole	17.868	167	4241409	43.773	ng/ul	100
78) Di-n-butylphthalate	18.374	149	5140096	42.520	ng/ul	100
80) Fluoranthene	19.457	202	5410203	46.988	ng/ul	99
82) Pyrene	19.815	202	5506061	46.294	ng/ul	98
83) Butylbenzylphthalate	20.668	149	2411192	47.008	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.468	252	1627261	43.623	ng/ul	99
85) Benzo(a)anthracene	21.533	228	5160226	42.926	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.404	149	3516092	46.946	ng/ul	99
87) Chrysene	21.586	228	4767804	43.663	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	5900088	51.566	ng/ul	100
90) Benzo(b)fluoranthene	23.315	252	4383366	45.179	ng/ul	99
91) Benzo(k)fluoranthene	23.368	252	4393537	45.788	ng/ul	99
93) Benzo(a)pyrene	24.003	252	3737502	42.588	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.850	276	4104191	45.766	ng/ul	100
95) Dibenzo(a,h)anthracene	26.874	278	3416624	45.871	ng/ul	99
96) Benzo(g,h,i)perylene	27.703	276	3230239	47.512	ng/ul	98

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

