

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
 Data File : BP016376.D
 Acq On : 26 Jul 2023 15:49
 Operator : MA/JU
 Sample : PB154224BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS224

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023

Quant Time: Jul 26 23:57:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 25 23:56:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	430103	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	1856935	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.739	164	1119321	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.504	188	2371560	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	1739203	20.000	ng/u1	0.00
88) Perylene-d12	24.198	264	1599554	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	77799	7.132	ng/uL	0.00
4) Pyridine-d5	3.852	84	1163704	37.601	ng/u1	0.00
7) Phenol-d5	7.228	99	1490692	41.417	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	859124	39.758	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	1115082	39.712	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	1151177	39.771	ng/u1	0.00
21) Nitrobenzene-d5	9.293	128	535917	46.868	ng/u1	0.00
24) 2-Nitrophenol-d4	10.010	143	498442	52.854	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	1098721	42.032	ng/u1	0.00
31) 4-Chloroaniline-d4	11.081	131	1490718	36.658	ng/u1	0.00
46) Dimethylphthalate-d6	14.151	166	3167043	38.660	ng/u1	0.00
49) Acenaphthylene-d8	14.439	160	3720285	38.440	ng/u1	0.00
54) 4-Nitrophenol-d4	14.928	143	552329	40.239	ng/u1	0.00
60) Fluorene-d10	15.733	176	2699971	38.742	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	328029	41.994	ng/u1	0.00
73) Anthracene-d10	17.604	188	4120825	39.227	ng/u1	0.00
81) Pyrene-d10	19.827	212	4384112	44.394	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.027	264	3211049	41.608	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.464	88	171883	14.860	ng/uL	95
5) Pyridine	3.875	79	1107971	35.188	ng/u1	99
6) Benzaldehyde	7.246	77	828610	42.199	ng/u1	99
8) Phenol	7.252	94	1466169	39.172	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.528	93	1161684	37.887	ng/u1	98
12) 2-Chlorophenol	7.646	128	1119786	38.787	ng/u1	98
13) 2-Methylphenol	8.522	108	1109647	38.664	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.628	45	1360483m	36.669	ng/u1	
16) Acetophenone	8.946	105	1780004	38.967	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.916	70	898552	37.775	ng/u1	99
18) 4-Methylphenol	8.863	108	1205064	39.299	ng/u1	95
19) Hexachloroethane	9.175	117	451280	37.363	ng/u1	96
22) Nitrobenzene	9.334	77	1296650	42.357	ng/u1	97
23) Isophorone	9.851	82	2552141	37.013	ng/u1	99
25) 2-Nitrophenol	10.040	139	562167	47.774	ng/u1	98
26) 2,4-Dimethylphenol	10.075	107	1274562	38.308	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.340	93	1582989	38.078	ng/u1	99
29) 2,4-Dichlorophenol	10.557	162	1060356	40.126	ng/u1	99
30) Naphthalene	10.981	128	3604421	37.477	ng/u1	100
32) 4-Chloroaniline	11.104	127	1447007	36.296	ng/u1	99
33) Hexachlorobutadiene	11.216	225	632030	36.391	ng/u1	99
34) Caprolactam	11.898	113	355615m	37.778	ng/u1	
35) 4-Chloro-3-methylphenol	12.192	107	1170972	40.033	ng/u1	97
36) 2-Methylnaphthalene	12.575	142	2425854	37.011	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.792	142	2404570	36.693	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.922	216	1233794	37.310	ng/ul	99
40) Hexachlorocyclopentadiene	12.881	237	680801	28.839	ng/ul	98
41) 2,4,6-Trichlorophenol	13.169	196	801746	41.150	ng/ul	99
42) 2,4,5-Trichlorophenol	13.234	196	892279	42.793	ng/ul	99
43) 1,1'-Biphenyl	13.581	154	3203934	37.909	ng/ul	100
44) 2-Chloronaphthalene	13.628	162	2503104	37.859	ng/ul	99
45) 2-Nitroaniline	13.845	65	694058	50.170	ng/ul	95
47) Dimethylphthalate	14.198	163	3150547	38.136	ng/ul	99
48) 2,6-Dinitrotoluene	14.334	165	605991	50.903	ng/ul	94
50) Acenaphthylene	14.469	152	3933259	35.673	ng/ul	100
51) 3-Nitroaniline	14.669	138	628786	45.147	ng/ul#	96
52) Acenaphthene	14.804	153	2671813	37.580	ng/ul	100
53) 2,4-Dinitrophenol	14.863	184	171316	33.647	ng/ul	92
55) 4-Nitrophenol	14.945	109	435305	39.343	ng/ul	98
56) Dibenzofuran	15.139	168	3665130	37.657	ng/ul	100
57) 2,4-Dinitrotoluene	15.110	165	855638	50.412	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.345	232	701965	42.201	ng/ul	94
59) Diethylphthalate	15.557	149	3199038	38.447	ng/ul	100
61) Fluorene	15.792	166	2962704	37.477	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.781	204	1428112	37.055	ng/ul	99
63) 4-Nitroaniline	15.833	138	617786	48.374	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.863	198	352230	37.718	ng/ul	99
67) N-Nitrosodiphenylamine	15.998	169	2605088	39.177	ng/ul	98
68) 4-Bromophenyl-phenylether	16.686	248	904278	40.206	ng/ul	96
69) Hexachlorobenzene	16.763	284	1041600	38.620	ng/ul	99
70) Atrazine	16.957	200	904362	37.276	ng/ul	99
71) Pentachlorophenol	17.122	266	540225	35.545	ng/ul	99
72) Phenanthrene	17.545	178	4738786	38.399	ng/ul	99
74) Anthracene	17.639	178	4745597	37.752	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.528	216	1214548	35.479	ng/ul	99
76) Pentachlorobenzene	15.028	250	1167565	38.596	ng/ul	99
77) Carbazole	17.916	167	4287090	39.621	ng/ul	99
78) Di-n-butylphthalate	18.433	149	5477410	39.750	ng/ul	100
80) Fluoranthene	19.498	202	5195738	43.891	ng/ul	98
82) Pyrene	19.857	202	5271998	43.107	ng/ul	100
83) Butylbenzylphthalate	20.721	149	2241190	48.405	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.510	252	1386050	36.259	ng/ul	99
85) Benzo(a)anthracene	21.580	228	4569615	38.791	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.474	149	3334120	47.207	ng/ul	99
87) Chrysene	21.633	228	4227747	38.755	ng/ul	99
89) Di-n-octyl phthalate	22.474	149	5192804	51.645	ng/ul	100
90) Benzo(b)fluoranthene	23.386	252	4025139	42.020	ng/ul	99
91) Benzo(k)fluoranthene	23.445	252	3906151	40.976	ng/ul	99
93) Benzo(a)pyrene	24.086	252	3438063	38.109	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.980	276	4127440	39.620	ng/ul	99
95) Dibenzo(a,h)anthracene	27.015	278	3418334	39.674	ng/ul	99
96) Benzo(g,h,i)perylene	27.845	276	3288750	39.876	ng/ul	99

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

