

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072522\
 Data File : BP011087.D
 Acq On : 25 Jul 2022 12:08
 Operator : CG/JU
 Sample : N3801-08MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GBHX2MS

Quant Time: Jul 25 23:20:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 19 03:25:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2022
 Supervised By :mohammad ahmed 07/26/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	482289	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.463	136	2475204	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.333	164	1499219	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	2947062	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.221	240	1988035	20.000	ng/ul	# 0.00
88) Perylene-d12	23.562	264	1651255	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	50582	3.781	ng/uL	-0.02
4) Pyridine-d5	3.575	84	398086	11.513	ng/ul	-0.02
7) Phenol-d5	6.846	99	309125	7.808	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.010	67	1014767	39.862	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.199	132	926212	28.954	ng/ul	-0.01
15) 4-Methylphenol-d8	8.393	113	629884	19.874	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	657475	36.449	ng/ul	0.00
24) 2-Nitrophenol-d4	9.551	143	734485	41.151	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	1178912	36.117	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.610	131	1768741	32.869	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	4393225	42.875	ng/ul	0.00
49) Acenaphthylene-d8	14.022	160	5136952	42.490	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	149602	7.214	ng/ul	0.00
60) Fluorene-d10	15.333	176	3600553	41.340	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	705611	48.386	ng/ul	0.00
73) Anthracene-d10	17.204	188	5389149	43.015	ng/ul	0.00
81) Pyrene-d10	19.457	212	5693637	54.531	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.409	264	3526548	44.466	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	73603	5.244	ng/uL#	90
5) Pyridine	3.593	79	441545	12.391	ng/ul#	79
6) Benzaldehyde	6.816	77	882808m	45.908	ng/ul	
8) Phenol	6.875	94	331315	7.873	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.104	93	1269390	38.008	ng/ul	90
12) 2-Chlorophenol	7.234	128	938550	28.383	ng/ul	94
13) 2-Methylphenol	8.122	108	705887	22.683	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.198	45	1867299m	40.878	ng/ul	
16) Acetophenone	8.498	105	1977425	41.215	ng/ul#	90
17) N-Nitroso-di-n-propyla...	8.487	70	1092950	45.401	ng/ul	93
18) 4-Methylphenol	8.451	108	661849	19.919	ng/ul	99
19) Hexachloroethane	8.740	117	390315	29.827	ng/ul#	79
22) Nitrobenzene	8.875	77	1478146	34.846	ng/ul	93
23) Isophorone	9.404	82	3253104	40.975	ng/ul	98
25) 2-Nitrophenol	9.581	139	762450	38.056	ng/ul#	81
26) 2,4-Dimethylphenol	9.651	107	1145736	27.043	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.893	93	1952943	37.171	ng/ul	99
29) 2,4-Dichlorophenol	10.116	162	1157613	34.264	ng/ul	99
30) Naphthalene	10.510	128	4232647	33.557	ng/ul	100
32) 4-Chloroaniline	10.634	127	1715752	32.234	ng/ul	99
33) Hexachlorobutadiene	10.792	225	617958	31.422	ng/ul	94
34) Caprolactam	11.445	113	71514	6.040	ng/ul	94
35) 4-Chloro-3-methylphenol	11.769	107	1260967	33.025	ng/ul	96
36) 2-Methylnaphthalene	12.134	142	3015823	36.881	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	3063966	37.382	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.504	216	1436063	36.318	ng/ul	99
40) Hexachlorocyclopentadiene	12.481	237	709525	28.971	ng/ul#	87
41) 2,4,6-Trichlorophenol	12.757	196	1014103	38.944	ng/ul	99
42) 2,4,5-Trichlorophenol	12.822	196	1102492	39.616	ng/ul	100
43) 1,1'-Biphenyl	13.163	154	4091207	36.573	ng/ul#	97
44) 2-Chloronaphthalene	13.198	162	3054896	36.358	ng/ul	98
45) 2-Nitroaniline	13.416	65	1066317	43.559	ng/ul#	81
47) Dimethylphthalate	13.804	163	4213229	40.750	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	908730	48.546	ng/ul	93
50) Acenaphthylene	14.051	152	5222163	38.495	ng/ul	99
51) 3-Nitroaniline	14.251	138	854868	38.012	ng/ul#	88
52) Acenaphthene	14.398	153	3406956	37.910	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	471486	43.053	ng/ul#	82
55) 4-Nitrophenol	14.563	109	113325	7.138	ng/ul#	70
56) Dibenzofuran	14.733	168	4792869	38.651	ng/ul	98
57) 2,4-Dinitrotoluene	14.716	165	1275055	47.754	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.963	232	949063	43.548	ng/ul	89
59) Diethylphthalate	15.180	149	4546521	42.819	ng/ul	99
61) Fluorene	15.392	166	3916516	39.355	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.392	204	1821752	39.764	ng/ul	96
63) 4-Nitroaniline	15.428	138	857607m	41.493	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.480	198	675213	45.133	ng/ul#	99
67) N-Nitrosodiphenylamine	15.610	169	3450324	40.985	ng/ul	98
68) 4-Bromophenyl-phenylether	16.292	248	1218948	45.860	ng/ul	98
69) Hexachlorobenzene	16.386	284	228518m	7.408	ng/ul	
70) Atrazine	16.580	200	1271947	43.676	ng/ul	97
71) Pentachlorophenol	16.745	266	856007	45.057	ng/ul	98
72) Phenanthrene	17.145	178	6259442	40.768	ng/ul	98
74) Anthracene	17.239	178	6185281	40.498	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	1498606	35.521	ng/ul	96
76) Pentachlorobenzene	14.651	250	1566100	42.346	ng/ul	96
77) Carbazole	17.516	167	5718861	40.007	ng/ul	99
78) Di-n-butylphthalate	18.080	149	7702135	43.105	ng/ul	98
80) Fluoranthene	19.127	202	6849604	56.090	ng/ul#	87
82) Pyrene	19.486	202	6608002	52.447	ng/ul#	86
83) Butylbenzylphthalate	20.374	149	3113623	55.396	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.145	252	1549434	44.016	ng/ul	98
85) Benzo(a)anthracene	21.204	228	5087461	42.020	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.139	149	4306747	51.354	ng/ul#	97
87) Chrysene	21.257	228	4942172	41.572	ng/ul	99
89) Di-n-octyl phthalate	22.051	149	6273154	56.646	ng/ul	100
90) Benzo(b)fluoranthene	22.851	252	4470814	43.850	ng/ul#	97
91) Benzo(k)fluoranthene	22.898	252	4016600	41.940	ng/ul#	96
93) Benzo(a)pyrene	23.462	252	4074074	41.608	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	25.992	276	4920251	43.239	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.015	278	4204405	42.699	ng/ul#	94
96) Benzo(g,h,i)perylene	26.739	276	4277513	44.136	ng/ul#	90

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

