

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072522\
 Data File : BP011096.D
 Acq On : 25 Jul 2022 17:19
 Operator : CG/JU
 Sample : PB146370BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS370

Quant Time: Jul 25 23:21:43 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	7.663	152	472768	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.457	136	2167234	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.328	164	1215127	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.098	188	2065280	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.216	240	1154833	20.000	ng/u1	#-0.01
88) Perylene-d12	23.557	264	1186784	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	96866	7.387	ng/uL	-0.02
4) Pyridine-d5	3.569	84	1380481	40.727	ng/u1	-0.02
7) Phenol-d5	6.846	99	1825071	47.028	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.010	67	1161431	46.542	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.199	132	1453695	46.358	ng/u1	-0.01
15) 4-Methylphenol-d8	8.393	113	1511263	48.644	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	735671	46.580	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	778103	49.789	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	1318720	46.141	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.610	131	1823336	38.698	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	3657284	44.037	ng/u1	-0.01
49) Acenaphthylene-d8	14.022	160	4591304	46.856	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	627453	37.330	ng/u1	0.00
60) Fluorene-d10	15.334	176	2960156	41.933	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	500864	49.010	ng/u1	0.00
73) Anthracene-d10	17.198	188	3862913	43.997	ng/u1	0.00
81) Pyrene-d10	19.451	212	3398280	56.029	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.404	264	2589918	45.437	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	198062	14.395	ng/uL#	88
5) Pyridine	3.587	79	1414206	40.485	ng/u1#	79
6) Benzaldehyde	6.816	77	1210354	64.209	ng/u1	99
8) Phenol	6.875	94	1864008	45.187	ng/u1	88
10) Bis(2-Chloroethyl)ether	7.105	93	1480744	45.229	ng/u1	91
12) 2-Chlorophenol	7.234	128	1460814	45.067	ng/u1	94
13) 2-Methylphenol	8.116	108	1420110	46.552	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.205	45	2203972	49.220	ng/u1#	97
16) Acetophenone	8.499	105	2204731	46.878	ng/u1#	90
17) N-Nitroso-di-n-propyla...	8.493	70	1193330	50.569	ng/u1	93
18) 4-Methylphenol	8.457	108	1534584	47.115	ng/u1	99
19) Hexachloroethane	8.734	117	583832	45.514	ng/u1#	75
22) Nitrobenzene	8.875	77	1678299	45.186	ng/u1	92
23) Isophorone	9.410	82	3317407	47.723	ng/u1	99
25) 2-Nitrophenol	9.581	139	822884	46.909	ng/u1#	84
26) 2,4-Dimethylphenol	9.652	107	1654737	44.606	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.893	93	2049783	44.558	ng/u1	98
29) 2,4-Dichlorophenol	10.116	162	1282921	43.369	ng/u1	99
30) Naphthalene	10.510	128	4620744	41.840	ng/u1	99
32) 4-Chloroaniline	10.634	127	1774538	38.076	ng/u1	99
33) Hexachlorobutadiene	10.793	225	724837	42.094	ng/u1	97
34) Caprolactam	11.446	113	431346m	41.607	ng/u1	
35) 4-Chloro-3-methylphenol	11.775	107	1519732	45.458	ng/u1	95
36) 2-Methylnaphthalene	12.134	142	3088682	43.140	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	3086476	43.008	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.504	216	1354148	42.253	ng/ul#	98
40) Hexachlorocyclopentadiene	12.481	237	845531	42.597	ng/ul	95
41) 2,4,6-Trichlorophenol	12.757	196	953082	45.158	ng/ul	99
42) 2,4,5-Trichlorophenol	12.828	196	1017290	45.101	ng/ul	100
43) 1,1'-Biphenyl	13.157	154	3918822	43.223	ng/ul#	96
44) 2-Chloronaphthalene	13.198	162	2901371	42.604	ng/ul	96
45) 2-Nitroaniline	13.416	65	970200m	48.899	ng/ul	
47) Dimethylphthalate	13.804	163	3547263	42.330	ng/ul	98
48) 2,6-Dinitrotoluene	13.922	165	750987	49.499	ng/ul	93
50) Acenaphthylene	14.051	152	4759503	43.287	ng/ul	99
51) 3-Nitroaniline	14.251	138	750915	41.196	ng/ul	89
52) Acenaphthene	14.398	153	3088286	42.399	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	371224	41.823	ng/ul	91
55) 4-Nitrophenol	14.569	109	476852	37.055	ng/ul#	77
56) Dibenzofuran	14.734	168	4133865	41.130	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	971478	44.891	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.963	232	747232	42.303	ng/ul#	86
59) Diethylphthalate	15.181	149	3634482	42.232	ng/ul	98
61) Fluorene	15.387	166	3266672	40.500	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.387	204	1516454	40.838	ng/ul	93
63) 4-Nitroaniline	15.428	138	745977m	44.530	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.481	198	484863	46.247	ng/ul#	95
67) N-Nitrosodiphenylamine	15.604	169	2797958	47.426	ng/ul	98
68) 4-Bromophenyl-phenylether	16.286	248	886602	47.598	ng/ul	92
69) Hexachlorobenzene	16.392	284	962518	44.523	ng/ul#	91
70) Atrazine	16.575	200	899179	44.059	ng/ul	97
71) Pentachlorophenol	16.745	266	566185	42.526	ng/ul	97
72) Phenanthrene	17.139	178	4578777	42.554	ng/ul	99
74) Anthracene	17.233	178	4529942	42.323	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.116	216	1364303	46.144	ng/uL	98
76) Pentachlorobenzene	14.651	250	1247964	48.151	ng/uL	99
77) Carbazole	17.510	167	3898243	38.914	ng/ul	99
78) Di-n-butylphthalate	18.080	149	5358626	42.794	ng/ul	99
80) Fluoranthene	19.127	202	4234419	59.693	ng/ul#	87
82) Pyrene	19.480	202	4091230	55.900	ng/ul#	80
83) Butylbenzylphthalate	20.374	149	1777464	54.440	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.139	252	1004554	49.126	ng/ul#	98
85) Benzo(a)anthracene	21.198	228	3041594	43.247	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.139	149	2512439	51.574	ng/ul#	96
87) Chrysene	21.251	228	2977764	43.120	ng/ul	99
89) Di-n-octyl phthalate	22.045	149	3954505	49.685	ng/ul	100
90) Benzo(b)fluoranthene	22.845	252	3166265	43.208	ng/ul#	95
91) Benzo(k)fluoranthene	22.892	252	2868359	41.672	ng/ul#	95
93) Benzo(a)pyrene	23.457	252	3072992	43.667	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	25.980	276	3839854	46.951	ng/ul#	86
95) Dibenzo(a,h)anthracene	26.004	278	3288444	46.467	ng/ul#	92
96) Benzo(g,h,i)perylene	26.727	276	3339955	47.950	ng/ul#	87

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

