

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042822\
 Data File : BP010139.D
 Acq On : 28 Apr 2022 13:56
 Operator : CG/JU
 Sample : PB144417BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS417

Quant Time: Apr 29 01:43:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 21 14:49:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2022
 Supervised By :Yogesh Patel 05/05/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	189622	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.734	136	810959	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.563	164	522359	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.322	188	1044635	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.404	240	660594	20.000	ng/ul	# 0.00
88) Perylene-d12	23.857	264	564442	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	24837	5.712	ng/uL	0.00
4) Pyridine-d5	3.781	84	330378	27.007	ng/ul	0.00
7) Phenol-d5	7.093	99	508889	29.504	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	325790	31.479	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.463	132	412776	32.315	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	430094	30.097	ng/ul	-0.01
21) Nitrobenzene-d5	9.093	128	212417	32.933	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	237515	33.718	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	421961	30.770	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	497072	25.280	ng/ul	-0.01
46) Dimethylphthalate-d6	13.975	166	1288538	31.711	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	1492410	30.347	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	203463	27.199	ng/ul	0.00
60) Fluorene-d10	15.557	176	1080550	30.914	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	192146	29.089	ng/ul	0.00
73) Anthracene-d10	17.422	188	1594128	31.543	ng/ul	0.00
81) Pyrene-d10	19.651	212	1611633	42.899	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.698	264	1016470	34.350	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	49242	10.897	ng/uL#	21
5) Pyridine	3.799	79	357405	28.107	ng/ul#	48
6) Benzaldehyde	7.069	77	346567	37.600	ng/ul	96
8) Phenol	7.122	94	519963	30.003	ng/ul#	95
10) Bis(2-Chloroethyl)ether	7.352	93	410364	30.734	ng/ul#	78
12) 2-Chlorophenol	7.493	128	408155	31.678	ng/ul	93
13) 2-Methylphenol	8.375	108	398305	29.967	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.463	45	605816	30.578	ng/ul#	84
16) Acetophenone	8.758	105	643544	28.864	ng/ul#	81
17) N-Nitroso-di-n-propyla...	8.746	70	347225	29.725	ng/ul#	75
18) 4-Methylphenol	8.705	108	429558	29.353	ng/ul	94
19) Hexachloroethane	9.016	117	171300	31.640	ng/ul	85
22) Nitrobenzene	9.134	77	495904	31.381	ng/ul#	86
23) Isophorone	9.663	82	952403	30.513	ng/ul#	96
25) 2-Nitrophenol	9.846	139	239412	32.090	ng/ul#	84
26) 2,4-Dimethylphenol	9.910	107	485528	30.059	ng/ul#	78
27) Bis(2-Chloroethoxy)met...	10.146	93	568577	31.079	ng/ul#	98
29) 2,4-Dichlorophenol	10.381	162	407730	30.930	ng/ul#	84
30) Naphthalene	10.787	128	1333314	31.413	ng/ul	97
32) 4-Chloroaniline	10.893	127	464871	23.992	ng/ul	97
33) Hexachlorobutadiene	11.081	225	293450	31.410	ng/ul	94
34) Caprolactam	11.669	113	137618m	29.022	ng/ul	
35) 4-Chloro-3-methylphenol	12.022	107	465749m	29.247	ng/ul	
36) 2-Methylnaphthalene	12.393	142	916787	29.782	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	934298	29.891	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.763	216	529093	32.785	ng/ul	94
40) Hexachlorocyclopentadiene	12.746	237	274446	30.176	ng/ul	96
41) 2,4,6-Trichlorophenol	12.999	196	338356	32.404	ng/ul#	81
42) 2,4,5-Trichlorophenol	13.075	196	367880	32.381	ng/ul#	87
43) 1,1'-Biphenyl	13.398	154	1246046	32.342	ng/ul	93
44) 2-Chloronaphthalene	13.440	162	962320	32.277	ng/ul	93
45) 2-Nitroaniline	13.640	65	305473	31.597	ng/ul#	83
47) Dimethylphthalate	14.022	163	1220356	30.902	ng/ul#	92
48) 2,6-Dinitrotoluene	14.140	165	259471	32.017	ng/ul	90
50) Acenaphthylene	14.287	152	1539972	31.613	ng/ul	95
51) 3-Nitroaniline	14.463	138	222609	30.322	ng/ul#	82
52) Acenaphthene	14.628	153	985121	31.101	ng/ul	96
53) 2,4-Dinitrophenol	14.675	184	109896	24.267	ng/ul#	80
55) 4-Nitrophenol	14.775	109	166324	25.592	ng/ul#	39
56) Dibenzofuran	14.963	168	1428016	30.446	ng/ul	99
57) 2,4-Dinitrotoluene	14.928	165	361635	30.545	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.193	232	306164	30.317	ng/ul#	87
59) Diethylphthalate	15.387	149	1230525	30.635	ng/ul	93
61) Fluorene	15.616	166	1150054	29.864	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.610	204	607373	29.969	ng/ul	99
63) 4-Nitroaniline	15.628	138	248399m	34.772	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.692	198	182828	28.688	ng/ul#	93
67) N-Nitrosodiphenylamine	15.822	169	1007364	33.609	ng/ul	96
68) 4-Bromophenyl-phenylether	16.504	248	372483	33.429	ng/ul	94
69) Hexachlorobenzene	16.628	284	421109	32.560	ng/ul#	91
70) Atrazine	16.781	200	398452	32.698	ng/ul#	89
71) Pentachlorophenol	16.969	266	243631	29.579	ng/ul#	83
72) Phenanthrene	17.363	178	1762563	31.043	ng/ul	99
74) Anthracene	17.457	178	1782578	31.170	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.369	216	538191	35.290	ng/uL#	86
76) Pentachlorobenzene	14.887	250	505363	33.792	ng/uL	92
77) Carbazole	17.722	167	1511121	29.860	ng/ul#	96
78) Di-n-butylphthalate	18.269	149	2064419	33.157	ng/ul#	93
80) Fluoranthene	19.322	202	1900794	44.857	ng/ul	97
82) Pyrene	19.680	202	1875810	42.967	ng/ul	94
83) Butylbenzylphthalate	20.545	149	787455	43.636	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.316	252	419795	35.318	ng/ul#	96
85) Benzo(a)anthracene	21.386	228	1394793	33.270	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.310	149	1107016	41.390	ng/ul#	82
87) Chrysene	21.439	228	1355016	32.825	ng/ul	98
89) Di-n-octyl phthalate	22.251	149	1600802	36.482	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	1241414	32.715	ng/ul	99
91) Benzo(k)fluoranthene	23.157	252	1170408	32.562	ng/ul#	98
93) Benzo(a)pyrene	23.751	252	1188991	33.884	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.427	276	1358874	38.928	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.439	278	1141814	38.227	ng/ul#	96
96) Benzo(g,h,i)perylene	27.210	276	1203363	40.855	ng/ul#	91

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

