

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050222\
 Data File : BP010206.D
 Acq On : 03 May 2022 12:34
 Operator : CG/JU
 Sample : PB144510BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS510

Quant Time: May 04 01:56:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 03 00:58:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	138963	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.722	136	564805	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	366049	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	757090	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.386	240	711418	20.000	ng/ul	# 0.00
88) Perylene-d12	23.833	264	695563	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	19745m	6.196	ng/uL	0.00
4) Pyridine-d5	3.775	84	266399	29.716	ng/ul	0.00
7) Phenol-d5	7.087	99	354291	28.029	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	237903	31.367	ng/ul	0.00
11) 2-Chlorophenol-d4	7.452	132	292715	31.269	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	291482	27.833	ng/ul	0.00
21) Nitrobenzene-d5	9.081	128	146116	32.527	ng/ul	0.00
24) 2-Nitrophenol-d4	9.804	143	161767	32.973	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	287670	30.120	ng/ul	0.00
31) 4-Chloroaniline-d4	10.857	131	334967	24.460	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	884477	31.062	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	1034892	30.030	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	145979m	27.848	ng/ul	0.00
60) Fluorene-d10	15.545	176	753587	30.766	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	147871	30.889	ng/ul	0.00
73) Anthracene-d10	17.404	188	1156958	31.587	ng/ul	0.00
81) Pyrene-d10	19.633	212	1339789	33.115	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.674	264	1211212	33.215	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	40456	12.217	ng/uL#	15
5) Pyridine	3.793	79	275368	29.549	ng/ul#	47
6) Benzaldehyde	7.058	77	243034	35.979	ng/ul	96
8) Phenol	7.110	94	371806	29.275	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.340	93	307146m	31.390	ng/ul	
12) 2-Chlorophenol	7.487	128	298921	31.658	ng/ul	94
13) 2-Methylphenol	8.363	108	279774	28.723	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.452	45	460550	31.720	ng/ul#	84
16) Acetophenone	8.746	105	458959	28.089	ng/ul#	79
17) N-Nitroso-di-n-propyla...	8.734	70	243177	28.407	ng/ul#	75
18) 4-Methylphenol	8.693	108	302093	28.168	ng/ul	90
19) Hexachloroethane	9.004	117	130456	32.880	ng/ul#	78
22) Nitrobenzene	9.122	77	353585	32.126	ng/ul#	85
23) Isophorone	9.652	82	668620	30.757	ng/ul#	96
25) 2-Nitrophenol	9.834	139	168009	32.334	ng/ul#	85
26) 2,4-Dimethylphenol	9.899	107	348471	30.976	ng/ul#	75
27) Bis(2-Chloroethoxy)met...	10.134	93	410201	32.194	ng/ul#	98
29) 2,4-Dichlorophenol	10.375	162	290331m	31.623	ng/ul	
30) Naphthalene	10.775	128	948760	32.095	ng/ul	98
32) 4-Chloroaniline	10.881	127	329183	24.393	ng/ul	100
33) Hexachlorobutadiene	11.069	225	216122	33.215	ng/ul	94
34) Caprolactam	11.657	113	91929m	27.836	ng/ul	
35) 4-Chloro-3-methylphenol	12.010	107	316749	28.559	ng/ul#	68
36) 2-Methylnaphthalene	12.381	142	658093	30.695	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	663552	30.482	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.751	216	377700	33.398	ng/ul	94
40) Hexachlorocyclopentadiene	12.734	237	204278	32.052	ng/ul	96
41) 2,4,6-Trichlorophenol	12.987	196	238420	32.583	ng/ul#	80
42) 2,4,5-Trichlorophenol	13.063	196	265243m	33.316	ng/ul	
43) 1,1'-Biphenyl	13.387	154	883783	32.735	ng/ul#	93
44) 2-Chloronaphthalene	13.428	162	683787	32.728	ng/ul	94
45) 2-Nitroaniline	13.634	65	212959	31.434	ng/ul#	82
47) Dimethylphthalate	14.010	163	860620	31.099	ng/ul#	91
48) 2,6-Dinitrotoluene	14.128	165	177876	31.321	ng/ul	92
50) Acenaphthylene	14.275	152	1096431	32.119	ng/ul	95
51) 3-Nitroaniline	14.451	138	155733	30.271	ng/ul#	85
52) Acenaphthene	14.616	153	699345	31.507	ng/ul	98
53) 2,4-Dinitrophenol	14.663	184	92659	29.197	ng/ul#	79
55) 4-Nitrophenol	14.763	109	120060	26.362	ng/ul#	44
56) Dibenzofuran	14.951	168	1027302	31.255	ng/ul	99
57) 2,4-Dinitrotoluene	14.916	165	257885	31.083	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.181	232	220267	31.125	ng/ul#	87
59) Diethylphthalate	15.375	149	877664	31.180	ng/ul	94
61) Fluorene	15.598	166	841155	31.170	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.592	204	439181	30.923	ng/ul	97
63) 4-Nitroaniline	15.616	138	177751m	35.508	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.681	198	144101	31.199	ng/ul#	93
67) N-Nitrosodiphenylamine	15.804	169	720966	33.189	ng/ul	96
68) 4-Bromophenyl-phenylether	16.492	248	270058	33.441	ng/ul	93
69) Hexachlorobenzene	16.616	284	307208	32.774	ng/ul#	91
70) Atrazine	16.763	200	286514	32.442	ng/ul	92
71) Pentachlorophenol	16.957	266	185431	31.063	ng/ul#	84
72) Phenanthrene	17.345	178	1329512	32.309	ng/ul	99
74) Anthracene	17.439	178	1347594	32.513	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.357	216	381100	34.480	ng/uL#	85
76) Pentachlorobenzene	14.875	250	361264	33.331	ng/uL	91
77) Carbazole	17.710	167	1163483	31.722	ng/ul	97
78) Di-n-butylphthalate	18.257	149	1499696	33.236	ng/ul#	92
80) Fluoranthene	19.310	202	1576351	34.543	ng/ul	97
82) Pyrene	19.663	202	1591922	33.859	ng/ul	96
83) Butylbenzylphthalate	20.533	149	675091	34.737	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.304	252	470624	36.765	ng/ul#	96
85) Benzo(a)anthracene	21.374	228	1498755	33.196	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.298	149	1000414	34.732	ng/ul#	83
87) Chrysene	21.427	228	1492935	33.583	ng/ul	99
89) Di-n-octyl phthalate	22.233	149	1672657	30.933	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	1523636	32.583	ng/ul	99
91) Benzo(k)fluoranthene	23.133	252	1448849	32.710	ng/ul#	97
93) Benzo(a)pyrene	23.727	252	1464033	33.857	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.386	276	1625055	37.778	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.398	278	1383756	37.594	ng/ul#	94
96) Benzo(g,h,i)perylene	27.174	276	1393997	38.406	ng/ul#	92

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

Manual Integrations

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