

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052522\
 Data File : BP010533.D
 Acq On : 25 May 2022 12:27
 Operator : CG/JU
 Sample : PB145008BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS008

Quant Time: May 25 23:26:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:50:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	82921	20.000	ng/u1	0.00
20) Naphthalene-d8	10.681	136	379899	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	268540	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.269	188	615022	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.351	240	690561	20.000	ng/u1	# 0.00
88) Perylene-d12	23.768	264	641075	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	14374m	7.389	ng/uL	0.00
4) Pyridine-d5	3.752	84	200955	36.381	ng/u1	0.00
7) Phenol-d5	7.051	99	273354	39.276	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	185638	39.700	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	214473	40.272	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	232485	39.306	ng/u1	0.00
21) Nitrobenzene-d5	9.045	128	116514	39.628	ng/u1	0.00
24) 2-Nitrophenol-d4	9.763	143	126825	40.703	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	228299	38.749	ng/u1	0.00
31) 4-Chloroaniline-d4	10.822	131	292061	33.340	ng/u1	0.00
46) Dimethylphthalate-d6	13.928	166	804101	40.642	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	900210	39.445	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	144074	40.911	ng/u1	0.00
60) Fluorene-d10	15.510	176	689276	40.045	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	149449	41.550	ng/u1	0.00
73) Anthracene-d10	17.369	188	1140029	40.936	ng/u1	0.00
81) Pyrene-d10	19.598	212	1456635	39.719	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.615	264	1377632	42.796	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	27799	13.794	ng/uL#	11
5) Pyridine	3.769	79	200134	34.863	ng/u1#	24
6) Benzaldehyde	7.022	77	193187	52.508	ng/u1	91
8) Phenol	7.075	94	274025	36.496	ng/u1#	89
10) Bis(2-Chloroethyl)ether	7.304	93	215661	36.531	ng/u1#	74
12) 2-Chlorophenol	7.446	128	207291	37.285	ng/u1	95
13) 2-Methylphenol	8.328	108	205880	36.731	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.416	45	373671	38.838	ng/u1#	81
16) Acetophenone	8.704	105	348373	37.488	ng/u1#	75
17) N-Nitroso-di-n-propyla...	8.693	70	192464	38.698	ng/u1#	67
18) 4-Methylphenol	8.657	108	227032	36.649	ng/u1	90
19) Hexachloroethane	8.963	117	90635	37.484	ng/u1#	79
22) Nitrobenzene	9.087	77	280920	36.358	ng/u1#	82
23) Isophorone	9.616	82	525990	36.831	ng/u1#	97
25) 2-Nitrophenol	9.798	139	124286	36.327	ng/u1#	86
26) 2,4-Dimethylphenol	9.857	107	264961	35.692	ng/u1#	83
27) Bis(2-Chloroethoxy)met...	10.092	93	304394	35.797	ng/u1#	97
29) 2,4-Dichlorophenol	10.334	162	217580	36.121	ng/u1#	82
30) Naphthalene	10.734	128	698638	35.209	ng/u1	97
32) 4-Chloroaniline	10.845	127	275687	31.711	ng/u1	97
33) Hexachlorobutadiene	11.022	225	152493	35.726	ng/u1	95
34) Caprolactam	11.622	113	82016	39.014	ng/u1#	1
35) 4-Chloro-3-methylphenol	11.969	107	266593	37.833	ng/u1#	73
36) 2-Methylnaphthalene	12.345	142	494830	35.226	ng/u1	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	510415	35.987	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.716	216	282565	34.481	ng/ul#	94
40) Hexachlorocyclopentadiene	12.692	237	118336	26.561	ng/ul	94
41) 2,4,6-Trichlorophenol	12.951	196	188380	36.878	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.028	196	207453	36.372	ng/ul#	88
43) 1,1'-Biphenyl	13.351	154	698984	35.462	ng/ul#	93
44) 2-Chloronaphthalene	13.392	162	541963	35.599	ng/ul	94
45) 2-Nitroaniline	13.598	65	199019	39.721	ng/ul#	76
47) Dimethylphthalate	13.975	163	735570	37.480	ng/ul#	91
48) 2,6-Dinitrotoluene	14.092	165	157266	39.310	ng/ul	97
50) Acenaphthylene	14.233	152	894090	36.215	ng/ul	95
51) 3-Nitroaniline	14.422	138	147239	39.213	ng/ul#	83
52) Acenaphthene	14.580	153	579500	35.981	ng/ul	96
53) 2,4-Dinitrophenol	14.633	184	80541	36.059	ng/ul#	78
55) 4-Nitrophenol	14.733	109	127500	40.717	ng/ul#	50
56) Dibenzofuran	14.916	168	858485	36.372	ng/ul	98
57) 2,4-Dinitrotoluene	14.880	165	235578	40.904	ng/ul#	72
58) 2,3,4,6-Tetrachlorophenol	15.145	232	187642	38.258	ng/ul#	86
59) Diethylphthalate	15.333	149	782416m	39.071	ng/ul	
61) Fluorene	15.563	166	717704	37.183	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.557	204	368248	36.676	ng/ul	95
63) 4-Nitroaniline	15.586	138	174296m	47.012	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.645	198	135637	37.813	ng/ul#	82
67) N-Nitrosodiphenylamine	15.774	169	641310	37.182	ng/ul	94
68) 4-Bromophenyl-phenylether	16.457	248	231635	36.571	ng/ul	94
69) Hexachlorobenzene	16.574	284	263365	36.149	ng/ul#	87
70) Atrazine	16.727	200	263407	38.122	ng/ul	91
71) Pentachlorophenol	16.921	266	168514m	36.862	ng/ul	
72) Phenanthrene	17.310	178	1224535	37.308	ng/ul	99
74) Anthracene	17.404	178	1251445	38.006	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.316	216	304238	32.550	ng/uL#	86
76) Pentachlorobenzene	14.839	250	295524	34.848	ng/uL	92
77) Carbazole	17.674	167	1137931	39.323	ng/ul#	95
78) Di-n-butylphthalate	18.221	149	1464310	41.547	ng/ul#	93
80) Fluoranthene	19.274	202	1579914	37.071	ng/ul	98
82) Pyrene	19.627	202	1644923	36.985	ng/ul	95
83) Butylbenzylphthalate	20.498	149	713044	40.094	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.268	252	541168	38.991	ng/ul#	96
85) Benzo(a)anthracene	21.339	228	1670113	38.675	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.257	149	1044929	40.040	ng/ul#	81
87) Chrysene	21.386	228	1642757	38.675	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	1861058	38.698	ng/ul	100
90) Benzo(b)fluoranthene	23.033	252	1682870	39.384	ng/ul	100
91) Benzo(k)fluoranthene	23.080	252	1581277	38.937	ng/ul#	97
93) Benzo(a)pyrene	23.662	252	1558611	39.260	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.292	276	1544596	41.357	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.303	278	1298068	40.055	ng/ul#	95
96) Benzo(g,h,i)perylene	27.062	276	1286615	41.257	ng/ul#	89

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

