

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051622\
 Data File : BP010376.D
 Acq On : 17 May 2022 01:59
 Operator : CG/JU
 Sample : PB144800BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS800

Quant Time: May 17 03:07:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2022
 Supervised By :mohammad ahmed 05/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	173512	20.000	ng/u1	0.00
20) Naphthalene-d8	10.699	136	748700	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.528	164	503699	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	1094081	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.369	240	1066641	20.000	ng/u1	0.00
88) Perylene-d12	23.798	264	935408	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	30100	7.394	ng/uL	0.00
4) Pyridine-d5	3.758	84	446201	38.604	ng/u1	0.00
7) Phenol-d5	7.063	99	605680	41.590	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	400275	40.909	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	474224	42.555	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	514318	41.556	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	249829	43.115	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	276464	45.021	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	502054	43.239	ng/u1	0.00
31) 4-Chloroaniline-d4	10.834	131	638225	36.968	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	1592783	42.920	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	1854450	43.322	ng/u1	0.00
54) 4-Nitrophenol-d4	14.734	143	286890m	43.432	ng/u1	0.00
60) Fluorene-d10	15.522	176	1358911	42.090	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	278624	43.544	ng/u1	0.00
73) Anthracene-d10	17.381	188	2115570	42.703	ng/u1	0.00
81) Pyrene-d10	19.616	212	2514702	44.393	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.645	264	2103675	44.787	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	62134m	14.735	ng/uL	
5) Pyridine	3.775	79	453070	37.718	ng/u1#	34
6) Benzaldehyde	7.034	77	389284	50.565	ng/u1	96
8) Phenol	7.093	94	655187	41.702	ng/u1#	92
10) Bis(2-Chloroethyl)ether	7.322	93	503207	40.736	ng/u1#	76
12) 2-Chlorophenol	7.463	128	491968	42.289	ng/u1	95
13) 2-Methylphenol	8.346	108	494227	42.138	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.434	45	821336	40.797	ng/u1#	83
16) Acetophenone	8.722	105	797170	40.995	ng/u1#	77
17) N-Nitroso-di-n-propyla...	8.716	70	441540	42.427	ng/u1#	73
18) 4-Methylphenol	8.675	108	544762	42.026	ng/u1	95
19) Hexachloroethane	8.981	117	205758	40.667	ng/u1#	81
22) Nitrobenzene	9.099	77	630602	41.413	ng/u1#	83
23) Isophorone	9.634	82	1211887	43.058	ng/u1#	97
25) 2-Nitrophenol	9.816	139	299797	44.463	ng/u1#	83
26) 2,4-Dimethylphenol	9.875	107	612047	41.834	ng/u1#	79
27) Bis(2-Chloroethoxy)met...	10.110	93	709899	42.361	ng/u1#	98
29) 2,4-Dichlorophenol	10.351	162	507443	42.745	ng/u1#	84
30) Naphthalene	10.751	128	1623589	41.518	ng/u1	97
32) 4-Chloroaniline	10.857	127	639976	37.352	ng/u1	98
33) Hexachlorobutadiene	11.040	225	342457	40.710	ng/u1	95
34) Caprolactam	11.646	113	183041m	44.181	ng/u1	
35) 4-Chloro-3-methylphenol	11.987	107	604589	43.535	ng/u1#	72
36) 2-Methylnaphthalene	12.357	142	1145401	41.373	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.575	142	1172166	41.934	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.728	216	652784	42.468	ng/ul	94
40) Hexachlorocyclopentadiene	12.710	237	353077	42.250	ng/ul	98
41) 2,4,6-Trichlorophenol	12.969	196	431799	45.066	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.040	196	483110m	45.158	ng/ul	
43) 1,1'-Biphenyl	13.369	154	1571098	42.495	ng/ul	94
44) 2-Chloronaphthalene	13.404	162	1218744	42.680	ng/ul	94
45) 2-Nitroaniline	13.610	65	437434	46.545	ng/ul#	79
47) Dimethylphthalate	13.992	163	1576088	42.815	ng/ul#	92
48) 2,6-Dinitrotoluene	14.110	165	343997	45.841	ng/ul	91
50) Acenaphthylene	14.251	152	1988824	42.948	ng/ul	95
51) 3-Nitroaniline	14.434	138	314403	44.641	ng/ul#	81
52) Acenaphthene	14.592	153	1280848	42.400	ng/ul	97
53) 2,4-Dinitrophenol	14.645	184	171654	40.972	ng/ul#	75
55) 4-Nitrophenol	14.745	109	254266	43.291	ng/ul#	44
56) Dibenzofuran	14.928	168	1863595	42.095	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	488221	45.195	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.157	232	405927	44.125	ng/ul#	86
59) Diethylphthalate	15.351	149	1610499	42.876	ng/ul	93
61) Fluorene	15.581	166	1534054	42.372	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.575	204	792926	42.103	ng/ul	98
63) 4-Nitroaniline	15.604	138	340480	48.961	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.663	198	272281	42.670	ng/ul#	92
67) N-Nitrosodiphenylamine	15.787	169	1340360	43.685	ng/ul	94
68) 4-Bromophenyl-phenylether	16.469	248	488872	43.387	ng/ul	95
69) Hexachlorobenzene	16.592	284	550129	42.446	ng/ul#	89
70) Atrazine	16.745	200	531432	43.235	ng/ul	90
71) Pentachlorophenol	16.933	266	347640	42.748	ng/ul#	84
72) Phenanthrene	17.328	178	2475803	42.402	ng/ul	99
74) Anthracene	17.416	178	2512432	42.892	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.334	216	669344	40.256	ng/uL#	87
76) Pentachlorobenzene	14.851	250	633650	42.002	ng/uL	91
77) Carbazole	17.686	167	2216990	43.067	ng/ul#	96
78) Di-n-butylphthalate	18.239	149	2827851	45.103	ng/ul#	93
80) Fluoranthene	19.292	202	3004953	45.648	ng/ul	97
82) Pyrene	19.645	202	3056927	44.499	ng/ul	96
83) Butylbenzylphthalate	20.510	149	1305521	47.526	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.280	252	926272	43.207	ng/ul#	96
85) Benzo(a)anthracene	21.351	228	2885082	43.254	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.274	149	1939969	48.126	ng/ul#	81
87) Chrysene	21.404	228	2833836	43.193	ng/ul	99
89) Di-n-octyl phthalate	22.210	149	3287717	46.852	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	2788730	44.728	ng/ul	100
91) Benzo(k)fluoranthene	23.110	252	2658720	44.868	ng/ul#	97
93) Benzo(a)pyrene	23.692	252	2593746	44.776	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.339	276	2414592	44.308	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.351	278	2094677	44.298	ng/ul#	96
96) Benzo(g,h,i)perylene	27.115	276	1998507	43.920	ng/ul#	91

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

