

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022522\
 Data File : BP009238.D
 Acq On : 25 Feb 2022 16:55
 Operator : CG/JU
 Sample : SSTD08054
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD080605

Quant Time: Feb 25 23:46:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP022522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 25 23:39:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2022
 Supervised By :mohammad ahmed 03/02/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	3264	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	11927	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.469	164	9224	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.234	188	21264	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.339	240	22500	20.000	ng/u1	0.00
88) Perylene-d12	23.757	264	25180	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	3074m	42.450	ng/uL	0.00
4) Pyridine-d5	3.723	84	17328	85.506	ng/u1	0.00
7) Phenol-d5	6.999	99	26610	102.194	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.164	67	11598	78.421	ng/u1	0.00
11) 2-Chlorophenol-d4	7.364	132	14650	70.726	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	20779	99.476	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	7854	93.061	ng/u1	0.01
24) 2-Nitrophenol-d4	9.705	143	9447	122.080	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	17975	94.627	ng/u1	0.00
31) 4-Chloroaniline-d4	10.763	131	20244	77.205	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	56530	82.947	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	65706	77.104	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	9188	85.049	ng/u1	0.02
60) Fluorene-d10	15.469	176	48388	81.776	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	12498	133.520	ng/u1	0.01
73) Anthracene-d10	17.334	188	79409	78.806	ng/u1	0.00
81) Pyrene-d10	19.575	212	98242	72.867	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.604	264	103028	79.499	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	3055	39.022	ng/uL#	81
5) Pyridine	3.740	79	18346	88.231	ng/u1	98
6) Benzaldehyde	6.969	77	15149m	102.069	ng/u1	
8) Phenol	7.022	94	26602	99.428	ng/u1	90
10) Bis(2-Chloroethyl)ether	7.258	93	19907	92.967	ng/u1	95
12) 2-Chlorophenol	7.399	128	15693	72.590	ng/u1	88
13) 2-Methylphenol	8.269	108	20015	96.553	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.363	45	11131	45.129	ng/u1#	86
16) Acetophenone	8.658	105	34016	105.270	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.658	70	14337	89.143	ng/u1#	88
18) 4-Methylphenol	8.611	108	21897	98.664	ng/u1	94
19) Hexachloroethane	8.911	117	8586	97.560	ng/u1#	76
22) Nitrobenzene	9.028	77	22598	116.044	ng/u1#	80
23) Isophorone	9.569	82	44988	110.159	ng/u1	98
25) 2-Nitrophenol	9.740	139	8931	100.285	ng/u1	97
26) 2,4-Dimethylphenol	9.805	107	28079	133.415	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.046	93	26847	105.173	ng/u1#	93
29) 2,4-Dichlorophenol	10.275	162	17568	92.203	ng/u1#	82
30) Naphthalene	10.675	128	49751	78.804	ng/u1	99
32) 4-Chloroaniline	10.787	127	21770	81.876	ng/u1	92
33) Hexachlorobutadiene	10.975	225	14732	111.512	ng/u1	92
34) Caprolactam	11.569	113	6335m	116.690	ng/u1	
35) 4-Chloro-3-methylphenol	11.916	107	26062	139.517	ng/u1	97
36) 2-Methylnaphthalene	12.293	142	35565	79.612	ng/u1#	81

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	35208	77.416	ng/ul#	91
39) 1,2,4,5-Tetrachloroben...	12.663	216	25569	85.880	ng/ul#	87
40) Hexachlorocyclopentadiene	12.646	237	20485	102.808	ng/ul#	92
41) 2,4,6-Trichlorophenol	12.899	196	16681	98.666	ng/ul#	81
42) 2,4,5-Trichlorophenol	12.969	196	17236	93.684	ng/ul	85
43) 1,1'-Biphenyl	13.310	154	51070	71.423	ng/ul#	92
44) 2-Chloronaphthalene	13.346	162	40767	73.947	ng/ul	96
45) 2-Nitroaniline	13.540	65	12624	113.928	ng/ul	91
47) Dimethylphthalate	13.934	163	55087	81.018	ng/ul#	91
48) 2,6-Dinitrotoluene	14.046	165	11364	94.022	ng/ul	87
50) Acenaphthylene	14.193	152	62862	72.094	ng/ul	97
51) 3-Nitroaniline	14.369	138	10426	83.709	ng/ul	90
52) Acenaphthene	14.534	153	41480	72.852	ng/ul	93
53) 2,4-Dinitrophenol	14.575	184	8930	175.042	ng/ul#	94
55) 4-Nitrophenol	14.687	109	12799	170.401	ng/ul	98
56) Dibenzofuran	14.875	168	62440	74.997	ng/ul	97
57) 2,4-Dinitrotoluene	14.834	165	17272	103.283	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.098	232	16293	114.003	ng/ul#	93
59) Diethylphthalate	15.310	149	53363	80.348	ng/ul	97
61) Fluorene	15.528	166	49833	75.127	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.522	204	29524	83.913	ng/ul	95
63) 4-Nitroaniline	15.545	138	11279	98.801	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.604	198	12006	121.221	ng/ul#	94
67) N-Nitrosodiphenylamine	15.734	169	45658	70.213	ng/ul	90
68) 4-Bromophenyl-phenylether	16.422	248	20186	82.771	ng/ul	99
69) Hexachlorobenzene	16.534	284	22658	79.799	ng/ul	94
70) Atrazine	16.704	200	20975	85.004	ng/ul#	89
71) Pentachlorophenol	16.881	266	16917	116.565	ng/ul#	84
72) Phenanthrene	17.275	178	84047	71.764	ng/ul	99
74) Anthracene	17.369	178	87523	74.528	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.269	216	27274	75.612	ng/uL#	85
76) Pentachlorobenzene	14.793	250	26156	78.989	ng/uL#	86
77) Carbazole	17.634	167	74201	74.147	ng/ul#	90
78) Di-n-butylphthalate	18.210	149	94792	81.126	ng/ul#	95
80) Fluoranthene	19.251	202	109593	68.367	ng/ul	98
82) Pyrene	19.604	202	109496	67.788	ng/ul	97
83) Butylbenzylphthalate	20.492	149	44261	80.846	ng/ul#	90
84) 3,3'-Dichlorobenzidine	21.257	252	43955	92.234	ng/ul#	99
85) Benzo(a)anthracene	21.322	228	114658	78.935	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.269	149	65864	79.262	ng/ul	94
87) Chrysene	21.375	228	109616	78.159	ng/ul	98
89) Di-n-octyl phthalate	22.204	149	121296	75.647	ng/ul	100
90) Benzo(b)fluoranthene	23.022	252	127669	76.515	ng/ul#	95
91) Benzo(k)fluoranthene	23.069	252	113450	70.450	ng/ul	97
93) Benzo(a)pyrene	23.657	252	118744	74.347	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.274	276	139871	79.414	ng/ul	95
95) Dibenzo(a,h)anthracene	26.298	278	120606	78.916	ng/ul	98
96) Benzo(g,h,i)perylene	27.045	276	116004	79.689	ng/ul#	91

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

