

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010473.D
 Acq On : 23 May 2022 09:22
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020664

Quant Time: May 23 23:18:45 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 05/24/2022
 Supervised By :Yogesh Patel 05/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	151119	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.693	136	683598	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.522	164	460093	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.275	188	990330	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.357	240	951540	20.000	ng/ul	# 0.00
88) Perylene-d12	23.780	264	822714	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	24739m	6.978	ng/uL	0.00
4) Pyridine-d5	3.758	84	179193	17.801	ng/ul	0.00
7) Phenol-d5	7.058	99	246010	19.396	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	167508	19.656	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.422	132	194254	20.015	ng/ul	-0.01
15) 4-Methylphenol-d8	8.599	113	213135	19.773	ng/ul	-0.01
21) Nitrobenzene-d5	9.052	128	106869	20.200	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	115293	20.563	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	211176m	19.919	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.828	131	299186m	18.980	ng/ul	-0.01
46) Dimethylphthalate-d6	13.934	166	645035	19.029	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	775977	19.846	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	97929	16.231	ng/ul	0.00
60) Fluorene-d10	15.516	176	569449	19.309	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	95093	16.418	ng/ul	0.00
73) Anthracene-d10	17.375	188	893465	19.924	ng/ul	0.00
81) Pyrene-d10	19.604	212	1054906	20.875	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.622	264	812103	19.658	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	24362	6.633	ng/uL#	16
5) Pyridine	3.776	79	184018	17.589	ng/ul#	29
6) Benzaldehyde	7.028	77	150376	22.427	ng/ul	95
8) Phenol	7.081	94	264991	19.366	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.311	93	208770	19.405	ng/ul#	72
12) 2-Chlorophenol	7.452	128	202607	19.997	ng/ul	96
13) 2-Methylphenol	8.334	108	201490	19.725	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.416	45	353648	20.169	ng/ul#	81
16) Acetophenone	8.711	105	331178	19.555	ng/ul#	76
17) N-Nitroso-di-n-propyla...	8.699	70	181532	20.028	ng/ul#	69
18) 4-Methylphenol	8.663	108	221448	19.615	ng/ul	94
19) Hexachloroethane	8.969	117	85499	19.402	ng/ul#	79
22) Nitrobenzene	9.093	77	267950	19.273	ng/ul#	83
23) Isophorone	9.616	82	504757	19.642	ng/ul	98
25) 2-Nitrophenol	9.805	139	123078	19.992	ng/ul#	84
26) 2,4-Dimethylphenol	9.869	107	259227	19.406	ng/ul#	80
27) Bis(2-Chloroethoxy)met...	10.099	93	296982	19.409	ng/ul#	97
29) 2,4-Dichlorophenol	10.340	162	211305	19.494	ng/ul#	83
30) Naphthalene	10.740	128	694413	19.448	ng/ul	97
32) 4-Chloroaniline	10.852	127	296182	18.933	ng/ul	98
33) Hexachlorobutadiene	11.034	225	143577	18.693	ng/ul	96
34) Caprolactam	11.622	113	74255m	19.630	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	252773m	19.935	ng/ul	
36) 2-Methylnaphthalene	12.352	142	482589	19.092	ng/ul	90

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	487616	19.106	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.722	216	271853	19.362	ng/ul	95
40) Hexachlorocyclopentadiene	12.699	237	107997	14.148	ng/ul	95
41) 2,4,6-Trichlorophenol	12.957	196	176431	20.159	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.034	196	189985	19.441	ng/ul#	88
43) 1,1'-Biphenyl	13.357	154	660922	19.571	ng/ul#	94
44) 2-Chloronaphthalene	13.399	162	512965	19.666	ng/ul	93
45) 2-Nitroaniline	13.604	65	178653	20.811	ng/ul#	76
47) Dimethylphthalate	13.981	163	642562	19.110	ng/ul#	91
48) 2,6-Dinitrotoluene	14.098	165	136085	19.854	ng/ul	96
50) Acenaphthylene	14.246	152	830492	19.634	ng/ul	95
51) 3-Nitroaniline	14.428	138	126281	19.629	ng/ul#	83
52) Acenaphthene	14.587	153	544098	19.718	ng/ul	98
53) 2,4-Dinitrophenol	14.640	184	48970	12.796	ng/ul#	71
55) 4-Nitrophenol	14.740	109	85622	15.959	ng/ul#	45
56) Dibenzofuran	14.922	168	785999	19.437	ng/ul	98
57) 2,4-Dinitrotoluene	14.887	165	196564	19.921	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.151	232	161617	19.233	ng/ul#	86
59) Diethylphthalate	15.345	149	649907	18.942	ng/ul#	92
61) Fluorene	15.575	166	643163	19.448	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.563	204	328511	19.097	ng/ul	96
63) 4-Nitroaniline	15.593	138	126809m	19.963	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.657	198	95544	16.542	ng/ul#	88
67) N-Nitrosodiphenylamine	15.781	169	549996	19.803	ng/ul	96
68) 4-Bromophenyl-phenylether	16.463	248	198220	19.435	ng/ul	94
69) Hexachlorobenzene	16.587	284	224661m	19.150	ng/ul	
70) Atrazine	16.734	200	213921	19.227	ng/ul	91
71) Pentachlorophenol	16.928	266	132310	17.974	ng/ul#	82
72) Phenanthrene	17.316	178	1028367	19.458	ng/ul	99
74) Anthracene	17.410	178	1055799	19.913	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.322	216	290609	19.309	ng/uL#	86
76) Pentachlorobenzene	14.846	250	268739	19.680	ng/uL	89
77) Carbazole	17.681	167	907380	19.473	ng/ul#	96
78) Di-n-butylphthalate	18.228	149	1137383	20.041	ng/ul#	92
80) Fluoranthene	19.281	202	1242096	21.151	ng/ul	98
82) Pyrene	19.634	202	1287138	21.003	ng/ul	96
83) Butylbenzylphthalate	20.504	149	536611	21.898	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.275	252	367336	19.207	ng/ul#	98
85) Benzo(a)anthracene	21.345	228	1174924	19.746	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.263	149	791428	22.009	ng/ul#	81
87) Chrysene	21.398	228	1141569	19.504	ng/ul	98
89) Di-n-octyl phthalate	22.192	149	1367122	22.151	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	1103484	20.123	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	1003075	19.246	ng/ul#	98
93) Benzo(a)pyrene	23.674	252	998335	19.595	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.304	276	969771	20.233	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.321	278	826223	19.866	ng/ul#	94
96) Benzo(g,h,i)perylene	27.080	276	837664	20.930	ng/ul#	89

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

