

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062022\
 Data File : BP010760.D
 Acq On : 20 Jun 2022 13:28
 Operator : CG/JU
 Sample : SSTD02005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020605

Quant Time: Jun 20 14:51:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 14:42:10 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
 Supervised By :mohammad ahmed 06/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	138471	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	521699	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	318481	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	664507	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	753443	20.000	ng/ul	0.00
88) Perylene-d12	23.698	264	807163	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	26434	8.024	ng/uL	0.00
4) Pyridine-d5	3.693	84	158189	18.299	ng/ul	0.00
7) Phenol-d5	6.999	99	194532	18.518	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	120905	17.168	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	169556	20.067	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	158806	18.589	ng/ul	0.00
21) Nitrobenzene-d5	8.975	128	78579	19.107	ng/ul	0.00
24) 2-Nitrophenol-d4	9.699	143	84261	18.225	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	155938	19.605	ng/ul	0.00
31) 4-Chloroaniline-d4	10.758	131	213505	19.572	ng/ul	0.00
46) Dimethylphthalate-d6	13.869	166	452766	20.003	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	543749	20.301	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	58178	16.035	ng/ul	0.00
60) Fluorene-d10	15.451	176	401648	20.526	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	70309	17.701	ng/ul	0.00
73) Anthracene-d10	17.316	188	615670m	20.460	ng/ul	0.00
81) Pyrene-d10	19.551	212	735683	18.799	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.545	264	819255	20.562	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	27416	8.037	ng/uL#	75
5) Pyridine	3.717	79	168046	18.820	ng/ul#	71
6) Benzaldehyde	6.964	77	108589	19.942	ng/ul	91
8) Phenol	7.022	94	208882	18.543	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.246	93	168626	19.110	ng/ul#	84
12) 2-Chlorophenol	7.387	128	179026	20.261	ng/ul#	88
13) 2-Methylphenol	8.269	108	152734	18.242	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.346	45	199711	13.800	ng/ul#	92
16) Acetophenone	8.646	105	249660m	18.014	ng/ul	
17) N-Nitroso-di-n-propyla...	8.628	70	118088	16.440	ng/ul#	86
18) 4-Methylphenol	8.599	108	166599	18.702	ng/ul	96
19) Hexachloroethane	8.893	117	72785	17.708	ng/ul	95
22) Nitrobenzene	9.022	77	179971	17.009	ng/ul	92
23) Isophorone	9.552	82	319568	17.089	ng/ul	97
25) 2-Nitrophenol	9.734	139	93692	19.517	ng/ul#	80
26) 2,4-Dimethylphenol	9.799	107	181369	17.934	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.028	93	207678m	19.084	ng/ul	
29) 2,4-Dichlorophenol	10.275	162	161551	19.859	ng/ul	96
30) Naphthalene	10.663	128	552144	20.506	ng/ul	99
32) 4-Chloroaniline	10.787	127	215291	19.737	ng/ul	100
33) Hexachlorobutadiene	10.952	225	119405	18.638	ng/ul	95
34) Caprolactam	11.575	113	42592m	16.641	ng/ul	
35) 4-Chloro-3-methylphenol	11.922	107	153193	16.971	ng/ul#	89
36) 2-Methylnaphthalene	12.275	142	365878	20.129	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.499	142	364016	19.946	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.652	216	210136	20.044	ng/ul	97
40) Hexachlorocyclopentadiene	12.628	237	75455	15.340	ng/ul	95
41) 2,4,6-Trichlorophenol	12.899	196	123213	19.394	ng/ul	98
42) 2,4,5-Trichlorophenol	12.975	196	127356	18.949	ng/ul	98
43) 1,1'-Biphenyl	13.293	154	486049	20.561	ng/ul	100
44) 2-Chloronaphthalene	13.328	162	377941	20.570	ng/ul	98
45) 2-Nitroaniline	13.546	65	84826	13.644	ng/ul#	72
47) Dimethylphthalate	13.916	163	445563	19.798	ng/ul	98
48) 2,6-Dinitrotoluene	14.040	165	84851	17.733	ng/ul#	86
50) Acenaphthylene	14.175	152	595655	20.669	ng/ul	98
51) 3-Nitroaniline	14.375	138	77378	17.640	ng/ul	88
52) Acenaphthene	14.522	153	390522	20.957	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	38895m	16.064	ng/ul	
55) 4-Nitrophenol	14.704	109	43721	11.959	ng/ul#	77
56) Dibenzofuran	14.857	168	565136	20.666	ng/ul	91
57) 2,4-Dinitrotoluene	14.834	165	129300	19.625	ng/ul#	76
58) 2,3,4,6-Tetrachlorophenol	15.093	232	110814	19.271	ng/ul	95
59) Diethylphthalate	15.281	149	430192	18.390	ng/ul	99
61) Fluorene	15.510	166	455173	20.513	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	240151	20.143	ng/ul	93
63) 4-Nitroaniline	15.540	138	78980m	19.075	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.604	198	72136	18.819	ng/ul#	90
67) N-Nitrosodiphenylamine	15.722	169	387513	20.721	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	145788	20.009	ng/ul	90
69) Hexachlorobenzene	16.522	284	174964	26.563	ng/ul	95
70) Atrazine	16.681	200	139622	18.353	ng/ul	99
71) Pentachlorophenol	16.875	266	81206	17.152	ng/ul	94
72) Phenanthrene	17.257	178	712804	20.547	ng/ul	98
74) Anthracene	17.345	178	731229	20.844	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	219941	19.346	ng/ul	97
76) Pentachlorobenzene	14.781	250	208134	20.984	ng/ul	98
77) Carbazole	17.622	167	622283	20.399	ng/ul	99
78) Di-n-butylphthalate	18.175	149	694122	16.612	ng/ul	99
80) Fluoranthene	19.228	202	863949	18.697	ng/ul	97
82) Pyrene	19.581	202	900405	19.112	ng/ul	95
83) Butylbenzylphthalate	20.457	149	323180	16.468	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.228	252	307207	22.237	ng/ul	98
85) Benzo(a)anthracene	21.292	228	914302	19.659	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	481470	16.677	ng/ul	99
87) Chrysene	21.345	228	909547	19.970	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	848900	16.441	ng/ul	100
90) Benzo(b)fluoranthene	22.969	252	1039451	20.841	ng/ul	99
91) Benzo(k)fluoranthene	23.022	252	953630	20.041	ng/ul	99
93) Benzo(a)pyrene	23.592	252	1003737	20.422	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.192	276	1203105	20.998	ng/ul	96
95) Dibenzo(a,h)anthracene	26.204	278	1030938	20.898	ng/ul	98
96) Benzo(g,h,i)perylene	26.951	276	1031374	20.956	ng/ul	97

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

