

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
 Data File : BP010008.D
 Acq On : 21 Apr 2022 11:05
 Operator : CG/JU
 Sample : SSTD00523
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005623

Quant Time: Apr 21 14:00:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 21 13:57:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/22/2022
 Supervised By :mohammad ahmed 04/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	127044	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	570533	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	421994	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	968126	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.404	240	1027243	20.000	ng/ul	# 0.00
88) Perylene-d12	23.857	264	905076	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	5764m	2.025	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.469	132	38682	4.598	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.099	128	20026	4.867	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	19792	4.388	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	43218	4.579	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.981	166	157216	4.743	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	184517	4.699	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.563	176	136932	4.911	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.422	188	222916	4.809	ng/ul	0.00
81) Pyrene-d10	19.651	212	271352	4.837	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.698	264	217362	4.612	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	6117m	2.108	ng/uL	
12) 2-Chlorophenol	7.505	128	38992	4.597	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.746	70	35471	4.664	ng/ul#	69
19) Hexachloroethane	9.028	117	16842	4.703	ng/ul	90
22) Nitrobenzene	9.140	77	50367	4.769	ng/ul#	88
23) Isophorone	9.669	82	99449	4.570	ng/ul#	96
25) 2-Nitrophenol	9.857	139	23026	4.786	ng/ul#	77
26) 2,4-Dimethylphenol	9.916	107	51811	4.538	ng/ul#	73
27) Bis(2-Chloroethoxy)met...	10.151	93	60850	4.763	ng/ul#	98
29) 2,4-Dichlorophenol	10.393	162	41435	4.528	ng/ul#	85
30) Naphthalene	10.799	128	143533	4.892	ng/ul	96
33) Hexachlorobutadiene	11.093	225	31858	4.834	ng/ul	97
35) 4-Chloro-3-methylphenol	12.022	107	51892	4.680	ng/ul#	75
36) 2-Methylnaphthalene	12.404	142	103796	4.842	ng/ul	89
37) 1-Methylnaphthalene	12.622	142	106304	4.911	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	12.769	216	61413	4.757	ng/ul	94
41) 2,4,6-Trichlorophenol	13.010	196	37597	4.560	ng/ul	90
42) 2,4,5-Trichlorophenol	13.081	196	40600	4.556	ng/ul	87
43) 1,1'-Biphenyl	13.410	154	150221	4.879	ng/ul	94
44) 2-Chloronaphthalene	13.451	162	114725	4.847	ng/ul	94
45) 2-Nitroaniline	13.645	65	31457	4.535	ng/ul#	79
47) Dimethylphthalate	14.022	163	153585	4.814	ng/ul#	94
48) 2,6-Dinitrotoluene	14.140	165	27086	4.616	ng/ul	99
50) Acenaphthylene	14.292	152	184401	4.758	ng/ul	96

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52) Acenaphthene	14.634	153	123846	4.881	ng/ul	97
56) Dibenzofuran	14.969	168	186831	5.003	ng/ul	99
57) 2,4-Dinitrotoluene	14.928	165	40638	4.716	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	15.198	232	36421	4.483	ng/ul#	86
59) Diethylphthalate	15.387	149	151271	4.581	ng/ul	93
61) Fluorene	15.622	166	151979	4.941	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.616	204	81328	4.972	ng/ul	95
67) N-Nitrosodiphenylamine	15.828	169	128896	4.651	ng/ul	95
68) 4-Bromophenyl-phenylether	16.510	248	48941	4.670	ng/ul	98
69) Hexachlorobenzene	16.634	284	56993	4.730	ng/ul#	86
72) Phenanthrene	17.369	178	253783	4.911	ng/ul	98
74) Anthracene	17.457	178	250209	4.776	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	65970	4.713	ng/uL#	84
76) Pentachlorobenzene	14.898	250	66601	4.882	ng/uL	98
78) Di-n-butylphthalate	18.275	149	252351	4.334	ng/ul#	93
80) Fluoranthene	19.327	202	301555	4.670	ng/ul#	96
82) Pyrene	19.680	202	318946	4.871	ng/ul#	95
83) Butylbenzylphthalate	20.551	149	120199	4.475	ng/ul#	78
85) Benzo(a)anthracene	21.386	228	307270	4.718	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.316	149	182548	4.518	ng/ul#	84
87) Chrysene	21.445	228	308551	4.911	ng/ul	99
90) Benzo(b)fluoranthene	23.104	252	287018	4.773	ng/ul	100
91) Benzo(k)fluoranthene	23.157	252	269065	4.904	ng/ul#	99
93) Benzo(a)pyrene	23.745	252	260560	4.675	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.415	276	253073m	4.342	ng/ul	
95) Dibenzo(a,h)anthracene	26.433	278	206520	4.086	ng/ul#	96
96) Benzo(g,h,i)perylene	27.198	276	214317	4.459	ng/ul#	91

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

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