

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
 Data File : BP010009.D
 Acq On : 21 Apr 2022 11:38
 Operator : CG/JU
 Sample : SSTD01024
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD010624

Manual Integrations
 APPROVED

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

Quant Time: Apr 21 14:01:20 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	133358	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	597441	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	439195	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	994012	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.404	240	1041263	20.000	ng/ul	# 0.00
88) Perylene-d12	23.857	264	920779	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	12352	4.134	ng/uL	0.00
4) Pyridine-d5	3.787	84	80300	9.747	ng/ul	0.00
7) Phenol-d5	7.099	99	109950	9.391	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	71428	10.248	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	85903	9.727	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	92188	9.432	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	46249	10.735	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	48165	10.197	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	98313	9.947	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	133330	9.471	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	337153	9.773	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	404311	9.892	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	53610	8.568	ng/ul	0.00
60) Fluorene-d10	15.563	176	294978	10.164	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	49694	8.439	ng/ul	0.00
73) Anthracene-d10	17.422	188	472085	9.919	ng/ul	0.00
81) Pyrene-d10	19.651	212	587030	10.323	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.698	264	470263	9.807	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	13092	4.298	ng/uL#	10
5) Pyridine	3.811	79	83712	9.739	ng/ul#	38
6) Benzaldehyde	7.075	77	75083	10.457	ng/ul	98
8) Phenol	7.128	94	111202	9.489	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.358	93	90342	9.896	ng/ul#	77
12) 2-Chlorophenol	7.505	128	87010	9.772	ng/ul	91
13) 2-Methylphenol	8.381	108	86247	9.438	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.469	45	139881	10.366	ng/ul#	84
16) Acetophenone	8.763	105	152387	9.896	ng/ul#	82
17) N-Nitroso-di-n-propyla...	8.746	70	81221	10.174	ng/ul#	74
18) 4-Methylphenol	8.710	108	97160	9.818	ng/ul	94
19) Hexachloroethane	9.028	117	37243	9.907	ng/ul	86
22) Nitrobenzene	9.140	77	114722	10.374	ng/ul#	81
23) Isophorone	9.669	82	223217	9.796	ng/ul	96
25) 2-Nitrophenol	9.857	139	52280	10.378	ng/ul#	86
26) 2,4-Dimethylphenol	9.916	107	116709	9.762	ng/ul#	76
27) Bis(2-Chloroethoxy)met...	10.152	93	136336m	10.191	ng/ul	
29) 2,4-Dichlorophenol	10.393	162	96761	10.098	ng/ul#	83
30) Naphthalene	10.799	128	310577	10.108	ng/ul	96
32) 4-Chloroaniline	10.899	127	129766	9.315	ng/ul	98
33) Hexachlorobutadiene	11.093	225	69539	10.076	ng/ul	95
34) Caprolactam	11.669	113	32824	10.358	ng/ul#	17
35) 4-Chloro-3-methylphenol	12.022	107	113279	9.756	ng/ul#	70
36) 2-Methylnaphthalene	12.404	142	226096	10.072	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	229304	10.117	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.775	216	135681	10.097	ng/ul#	94
40) Hexachlorocyclopentadiene	12.757	237	60834	6.524	ng/ul	97
41) 2,4,6-Trichlorophenol	13.010	196	83644	9.747	ng/ul#	80
42) 2,4,5-Trichlorophenol	13.081	196	89645	9.667	ng/ul#	81
43) 1,1'-Biphenyl	13.410	154	321466	10.032	ng/ul	96
44) 2-Chloronaphthalene	13.451	162	249845	10.143	ng/ul	92
45) 2-Nitroaniline	13.646	65	78287	10.845	ng/ul#	75
47) Dimethylphthalate	14.022	163	332891	10.025	ng/ul#	93
48) 2,6-Dinitrotoluene	14.140	165	64178	10.508	ng/ul	99
50) Acenaphthylene	14.293	152	408829	10.136	ng/ul	96
51) 3-Nitroaniline	14.469	138	66033	10.400	ng/ul#	85
52) Acenaphthene	14.634	153	263683	9.985	ng/ul	94
53) 2,4-Dinitrophenol	14.675	184	24317	6.587	ng/ul#	72
55) 4-Nitrophenol	14.769	109	49172	8.538	ng/ul#	46
56) Dibenzofuran	14.969	168	396485	10.201	ng/ul	98
57) 2,4-Dinitrotoluene	14.928	165	96017	10.706	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.198	232	82364	9.741	ng/ul#	86
59) Diethylphthalate	15.387	149	337669	9.826	ng/ul	94
61) Fluorene	15.622	166	324944	10.150	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.616	204	169888	9.980	ng/ul	98
63) 4-Nitroaniline	15.628	138	68401	10.755	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.692	198	49917	8.528	ng/ul#	90
67) N-Nitrosodiphenylamine	15.828	169	283227	9.954	ng/ul	97
68) 4-Bromophenyl-phenylether	16.510	248	103000	9.573	ng/ul	97
69) Hexachlorobenzene	16.634	284	121048	9.784	ng/ul#	91
70) Atrazine	16.781	200	110349	9.395	ng/ul#	89
71) Pentachlorophenol	16.975	266	66758	7.971	ng/ul	85
72) Phenanthrene	17.363	178	538669	10.152	ng/ul	99
74) Anthracene	17.457	178	544715	10.126	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	141756	9.864	ng/ul#	84
76) Pentachlorobenzene	14.893	250	141554	10.105	ng/ul	92
77) Carbazole	17.722	167	469617	9.660	ng/ul#	96
78) Di-n-butylphthalate	18.275	149	582540	9.745	ng/ul#	93
80) Fluoranthene	19.328	202	656592	10.031	ng/ul	97
82) Pyrene	19.680	202	683689	10.302	ng/ul#	93
83) Butylbenzylphthalate	20.551	149	265072	9.736	ng/ul#	79
84) 3,3'-Dichlorobenzidine	21.316	252	205680	9.270	ng/ul#	97
85) Benzo(a)anthracene	21.392	228	642199	9.729	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.316	149	404560	9.879	ng/ul#	83
87) Chrysene	21.445	228	645135	10.129	ng/ul	100
89) Di-n-octyl phthalate	22.257	149	684277	10.607	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	611717	9.999	ng/ul	100
91) Benzo(k)fluoranthene	23.157	252	570263	10.215	ng/ul#	98
93) Benzo(a)pyrene	23.745	252	562367	9.917	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.415	276	540328	9.112	ng/ul	97
95) Dibenzo(a,h)anthracene	26.439	278	464050	9.025	ng/ul#	97
96) Benzo(g,h,i)perylene	27.204	276	466142	9.534	ng/ul	95

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

