

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051322\
 Data File : BP010349.D
 Acq On : 13 May 2022 12:42
 Operator : CG/JU
 Sample : SSTD04041
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD040641

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
 Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 13 13:36:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 13:33:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	135097	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.705	136	594105	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	408254	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.281	188	900052	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.369	240	929451	20.000	ng/ul	0.00
88) Perylene-d12	23.792	264	877723	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	52851	16.619	ng/uL	0.00
4) Pyridine-d5	3.758	84	378876	42.813	ng/ul	0.00
7) Phenol-d5	7.069	99	473535	37.739	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	320341m	41.269	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	378728	40.983	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	410983	39.840	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	198356	41.640	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	219335	40.383	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	402547	40.720	ng/ul	0.00
31) 4-Chloroaniline-d4	10.840	131	573123	39.271	ng/ul	0.00
46) Dimethylphthalate-d6	13.946	166	1290013	39.663	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	1513833	39.039	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	233770	37.471	ng/ul	0.00
60) Fluorene-d10	15.528	176	1111013	40.468	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	226312	36.718	ng/ul	0.00
73) Anthracene-d10	17.387	188	1749318	39.689	ng/ul	0.00
81) Pyrene-d10	19.616	212	2108971	41.061	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.639	264	1928771	41.205	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	54891	16.887	ng/uL#	19
5) Pyridine	3.781	79	387359	41.762	ng/ul#	37
6) Benzaldehyde	7.040	77	290429	41.884	ng/ul	95
8) Phenol	7.093	94	513231	40.571	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.322	93	406339	41.048	ng/ul#	76
12) 2-Chlorophenol	7.464	128	390426	42.068	ng/ul	96
13) 2-Methylphenol	8.346	108	388007	40.410	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.434	45	659355	42.345	ng/ul#	82
16) Acetophenone	8.722	105	645361	40.024	ng/ul#	75
17) N-Nitroso-di-n-propyla...	8.716	70	347790	41.289	ng/ul#	69
18) 4-Methylphenol	8.675	108	424524	40.410	ng/ul	93
19) Hexachloroethane	8.981	117	164795	41.646	ng/ul#	78
22) Nitrobenzene	9.105	77	513666	42.479	ng/ul#	84
23) Isophorone	9.634	82	974839	41.163	ng/ul#	97
25) 2-Nitrophenol	9.816	139	237723	42.606	ng/ul#	86
26) 2,4-Dimethylphenol	9.881	107	503104	42.229	ng/ul#	80
27) Bis(2-Chloroethoxy)met...	10.110	93	569898	41.005	ng/ul#	98
29) 2,4-Dichlorophenol	10.352	162	406158	42.059	ng/ul#	85
30) Naphthalene	10.752	128	1304609	41.155	ng/ul	96
32) 4-Chloroaniline	10.863	127	574273	39.431	ng/ul	98
33) Hexachlorobutadiene	11.046	225	276446	41.802	ng/ul	96
34) Caprolactam	11.640	113	139889m	38.021	ng/ul	
35) 4-Chloro-3-methylphenol	11.987	107	482358	41.511	ng/ul#	69
36) 2-Methylnaphthalene	12.363	142	929149	41.397	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	936083	41.028	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.734	216	525881	41.902	ng/ul	94
40) Hexachlorocyclopentadiene	12.710	237	285006	40.737	ng/ul	96
41) 2,4,6-Trichlorophenol	12.969	196	344372	41.839	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.040	196	382461m	42.637	ng/ul	
43) 1,1'-Biphenyl	13.369	154	1275576	41.825	ng/ul#	93
44) 2-Chloronaphthalene	13.410	162	986538	41.764	ng/ul	94
45) 2-Nitroaniline	13.610	65	349592	43.717	ng/ul#	77
47) Dimethylphthalate	13.993	163	1270761	40.269	ng/ul#	93
48) 2,6-Dinitrotoluene	14.110	165	274551	42.640	ng/ul	95
50) Acenaphthylene	14.257	152	1614198	41.611	ng/ul	95
51) 3-Nitroaniline	14.434	138	255525	45.359	ng/ul#	85
52) Acenaphthene	14.598	153	1038367	41.350	ng/ul	98
53) 2,4-Dinitrophenol	14.645	184	145856	34.618	ng/ul#	77
55) 4-Nitrophenol	14.745	109	208062	39.324	ng/ul#	44
56) Dibenzofuran	14.934	168	1510194	41.099	ng/ul	100
57) 2,4-Dinitrotoluene	14.898	165	397751	42.222	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.157	232	331036	41.578	ng/ul#	85
59) Diethylphthalate	15.357	149	1299465	39.890	ng/ul	94
61) Fluorene	15.581	166	1243784	40.866	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.575	204	639448	40.642	ng/ul	98
63) 4-Nitroaniline	15.604	138	265332	47.664	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.663	198	225466	37.550	ng/ul#	89
67) N-Nitrosodiphenylamine	15.787	169	1086569	41.068	ng/ul	95
68) 4-Bromophenyl-phenylether	16.469	248	396841	41.740	ng/ul	93
69) Hexachlorobenzene	16.592	284	448969	40.830	ng/ul#	89
70) Atrazine	16.745	200	432895	40.499	ng/ul	91
71) Pentachlorophenol	16.934	266	287648	39.410	ng/ul#	84
72) Phenanthrene	17.328	178	2045057	41.211	ng/ul	99
74) Anthracene	17.422	178	2058254	40.895	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.334	216	562943	42.747	ng/ul#	86
76) Pentachlorobenzene	14.857	250	524876	41.686	ng/ul	91
77) Carbazole	17.686	167	1819286	40.063	ng/ul#	96
78) Di-n-butylphthalate	18.239	149	2283697	39.791	ng/ul#	93
80) Fluoranthene	19.292	202	2467986	42.261	ng/ul	97
82) Pyrene	19.645	202	2541730	42.049	ng/ul#	95
83) Butylbenzylphthalate	20.510	149	1076266	41.808	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.280	252	838443	42.206	ng/ul#	97
85) Benzo(a)anthracene	21.351	228	2486186	40.918	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.275	149	1580430	40.691	ng/ul#	82
87) Chrysene	21.404	228	2455531	40.777	ng/ul	99
89) Di-n-octyl phthalate	22.204	149	2703606	45.758	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	2495991	43.299	ng/ul	100
91) Benzo(k)fluoranthene	23.104	252	2420583	44.503	ng/ul#	97
93) Benzo(a)pyrene	23.692	252	2353505	42.146	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.327	276	2273143	36.826	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.345	278	1967600	37.284	ng/ul#	94
96) Benzo(g,h,i)perylene	27.098	276	1851615	35.518	ng/ul#	92

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

