

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041522\
 Data File : BP009852.D
 Acq On : 15 Apr 2022 09:57
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020753

Quant Time: Apr 18 00:59:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 18 00:59:30 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/18/2022
 Supervised By :Yogesh Patel 04/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	101969	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	469635	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	352396	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.339	188	810825	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.421	240	926549	20.000	ng/ul	0.00
88) Perylene-d12	23.886	264	937687	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	16828m	7.365	ng/uL	0.00
4) Pyridine-d5	3.799	84	117267	18.615	ng/ul	0.00
7) Phenol-d5	7.110	99	170340	19.028	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	105838	19.859	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	132239	19.583	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	143994	19.268	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	69648	20.565	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	76235	20.532	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	152596	19.640	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	210527	19.024	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	515876	18.636	ng/ul	0.00
49) Acenaphthylene-d8	14.287	160	628091	19.152	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	92862m	18.498	ng/ul	0.00
60) Fluorene-d10	15.581	176	451013	19.368	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	83143	17.309	ng/ul	0.00
73) Anthracene-d10	17.439	188	743347	19.148	ng/ul	0.00
81) Pyrene-d10	19.669	212	919518	18.171	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	946121	19.375	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	16590	7.123	ng/uL#	25
5) Pyridine	3.817	79	121522	18.489	ng/ul#	35
6) Benzaldehyde	7.093	77	118286	21.545	ng/ul	95
8) Phenol	7.140	94	170682m	19.047	ng/ul	
10) Bis(2-Chloroethyl)ether	7.375	93	137302	19.670	ng/ul#	75
12) 2-Chlorophenol	7.522	128	130925	19.231	ng/ul	91
13) 2-Methylphenol	8.399	108	134699	19.277	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.499	45	207250	20.087	ng/ul#	83
16) Acetophenone	8.781	105	232867	19.777	ng/ul#	78
17) N-Nitroso-di-n-propyla...	8.769	70	119350	19.551	ng/ul#	73
18) 4-Methylphenol	8.722	108	149804	19.797	ng/ul	89
19) Hexachloroethane	9.046	117	55971	19.472	ng/ul	83
22) Nitrobenzene	9.157	77	181643	20.896	ng/ul#	83
23) Isophorone	9.693	82	339251	18.939	ng/ul	97
25) 2-Nitrophenol	9.875	139	81486	20.577	ng/ul#	89
26) 2,4-Dimethylphenol	9.934	107	180181	19.173	ng/ul#	77
27) Bis(2-Chloroethoxy)met...	10.169	93	202111	19.218	ng/ul#	96
29) 2,4-Dichlorophenol	10.410	162	146319	19.425	ng/ul#	82
30) Naphthalene	10.816	128	472907	19.580	ng/ul	96
32) 4-Chloroaniline	10.922	127	212291	19.386	ng/ul	100
33) Hexachlorobutadiene	11.116	225	105809	19.504	ng/ul	98
34) Caprolactam	11.681	113	48727m	19.561	ng/ul	
35) 4-Chloro-3-methylphenol	12.040	107	182795	20.028	ng/ul#	70
36) 2-Methylnaphthalene	12.422	142	349167	19.788	ng/ul	90

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QLast Update : Mon Apr 18 00:59:30 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	357001	20.037	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.793	216	209137	19.398	ng/ul	94
40) Hexachlorocyclopentadiene	12.775	237	118600	15.852	ng/ul	97
41) 2,4,6-Trichlorophenol	13.022	196	132199	19.200	ng/ul#	87
42) 2,4,5-Trichlorophenol	13.092	196	147894	19.876	ng/ul#	87
43) 1,1'-Biphenyl	13.428	154	493599	19.197	ng/ul	92
44) 2-Chloronaphthalene	13.469	162	379889	19.221	ng/ul	95
45) 2-Nitroaniline	13.663	65	124932	21.569	ng/ul#	77
47) Dimethylphthalate	14.045	163	499792	18.759	ng/ul#	92
48) 2,6-Dinitrotoluene	14.157	165	100445	20.497	ng/ul	100
50) Acenaphthylene	14.310	152	630269	19.475	ng/ul	96
51) 3-Nitroaniline	14.481	138	106749	20.953	ng/ul#	83
52) Acenaphthene	14.657	153	402487	18.994	ng/ul	97
53) 2,4-Dinitrophenol	14.687	184	47915	16.176	ng/ul#	79
55) 4-Nitrophenol	14.781	109	89319	19.328	ng/ul#	55
56) Dibenzofuran	14.987	168	614679	19.710	ng/ul	97
57) 2,4-Dinitrotoluene	14.945	165	154440	21.462	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.210	232	132107	19.472	ng/ul#	85
59) Diethylphthalate	15.410	149	524012	19.005	ng/ul	93
61) Fluorene	15.639	166	505005	19.659	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.634	204	264220	19.345	ng/ul	96
63) 4-Nitroaniline	15.645	138	113427	22.228	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.710	198	83640	17.518	ng/ul#	91
67) N-Nitrosodiphenylamine	15.845	169	435030	18.743	ng/ul	95
68) 4-Bromophenyl-phenylether	16.528	248	165193	18.821	ng/ul	95
69) Hexachlorobenzene	16.651	284	191071	18.932	ng/ul#	90
70) Atrazine	16.798	200	172715	18.028	ng/ul	91
71) Pentachlorophenol	16.986	266	118364	17.327	ng/ul#	84
72) Phenanthrene	17.386	178	837489	19.350	ng/ul	98
74) Anthracene	17.475	178	846801	19.298	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.393	216	220252	18.788	ng/uL#	85
76) Pentachlorobenzene	14.910	250	216209	18.922	ng/uL	92
77) Carbazole	17.739	167	764127	19.269	ng/ul#	95
78) Di-n-butylphthalate	18.298	149	900767	18.472	ng/ul#	93
80) Fluoranthene	19.345	202	1046252	17.962	ng/ul#	94
82) Pyrene	19.698	202	1093840	18.522	ng/ul#	93
83) Butylbenzylphthalate	20.569	149	424380	17.517	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.333	252	384551	19.476	ng/ul#	96
85) Benzo(a)anthracene	21.404	228	1132553	19.281	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.333	149	648657	17.801	ng/ul#	81
87) Chrysene	21.463	228	1097662	19.369	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	1122215	17.082	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	1193469	19.157	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	1113582	19.588	ng/ul#	97
93) Benzo(a)pyrene	23.774	252	1135719	19.667	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.462	276	1209057	20.022	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.480	278	1039962	19.860	ng/ul#	96
96) Benzo(g,h,i)perylene	27.251	276	1002294	20.130	ng/ul#	93

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

