

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
 Data File : BM034557.D
 Acq On : 08 Apr 2022 10:49
 Operator : CG/JU
 Sample : SSTD01005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD010012

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/11/2022
 Supervised By :Yogesh Patel 04/12/2022

Quant Time: Apr 08 13:20:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 08 13:18:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	99658	20.000	ng/u1	0.00
20) Naphthalene-d8	10.689	136	397761	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.524	164	231540	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	454559	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.442	240	457058	20.000	ng/u1	# 0.00
88) Perylene-d12	23.824	264	482856	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.254	96	11365	4.978	ng/uL	0.00
4) Pyridine-d5	3.684	84	57680	10.612	ng/u1	0.00
7) Phenol-d5	7.037	99	72792	10.915	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	53575	13.693	ng/u1	0.00
11) 2-Chlorophenol-d4	7.407	132	62609	10.863	ng/u1	0.00
15) 4-Methylphenol-d8	8.589	113	56831	9.964	ng/u1	0.00
21) Nitrobenzene-d5	9.042	128	27365	9.591	ng/u1	0.00
24) 2-Nitrophenol-d4	9.766	143	27629	8.733	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.307	165	54193	8.544	ng/u1	0.00
31) 4-Chloroaniline-d4	10.830	131	63004	7.988	ng/u1	0.00
46) Dimethylphthalate-d6	13.936	166	164709	9.777	ng/u1	0.00
49) Acenaphthylene-d8	14.218	160	209366	9.784	ng/u1	0.00
54) 4-Nitrophenol-d4	14.724	143	13465	5.131	ng/u1	0.00
60) Fluorene-d10	15.512	176	143698	9.744	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.636	200	20267	7.047	ng/u1	0.00
73) Anthracene-d10	17.365	188	213950	9.965	ng/u1	0.00
81) Pyrene-d10	19.653	212	245409	9.863	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.671	264	231127	9.702	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	11827	5.228	ng/uL	89
5) Pyridine	3.701	79	69265	12.296	ng/u1#	72
6) Benzaldehyde	7.013	77	52359	15.085	ng/u1	91
8) Phenol	7.066	94	75144	11.419	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.295	93	64903	11.831	ng/u1	87
12) 2-Chlorophenol	7.437	128	63585	10.934	ng/u1#	84
13) 2-Methylphenol	8.325	108	55999	10.634	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.407	45	103125	20.386	ng/u1#	86
16) Acetophenone	8.701	105	93471	10.436	ng/u1#	87
17) N-Nitroso-di-n-propyla...	8.684	70	51597	12.244	ng/u1#	84
18) 4-Methylphenol	8.654	108	58864	10.369	ng/u1	98
19) Hexachloroethane	8.966	117	29411	11.214	ng/u1	83
22) Nitrobenzene	9.084	77	72567	11.718	ng/u1	89
23) Isophorone	9.613	82	129868	11.096	ng/u1	94
25) 2-Nitrophenol	9.801	139	30590	9.442	ng/u1#	89
26) 2,4-Dimethylphenol	9.860	107	69818	10.430	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.095	93	79305	11.015	ng/u1	97
29) 2,4-Dichlorophenol	10.336	162	54312	8.873	ng/u1#	95
30) Naphthalene	10.736	128	208209	10.481	ng/u1	99
32) 4-Chloroaniline	10.854	127	62835	8.010	ng/u1	94
33) Hexachlorobutadiene	11.030	225	39063	7.724	ng/u1	95
34) Caprolactam	11.613	113	14802m	8.644	ng/u1	
35) 4-Chloro-3-methylphenol	11.977	107	55299	9.739	ng/u1	91
36) 2-Methylnaphthalene	12.354	142	129147	9.467	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.572	142	134865	9.679	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.724	216	69041	8.643	ng/ul#	96
40) Hexachlorocyclopentadiene	12.707	237	39875	6.997	ng/ul	96
41) 2,4,6-Trichlorophenol	12.966	196	39486	8.436	ng/ul	92
42) 2,4,5-Trichlorophenol	13.036	196	41203	8.122	ng/ul	97
43) 1,1'-Biphenyl	13.360	154	173074	10.063	ng/ul#	96
44) 2-Chloronaphthalene	13.401	162	134577	9.899	ng/ul	95
45) 2-Nitroaniline	13.607	65	31002	11.498	ng/ul#	76
47) Dimethylphthalate	13.983	163	164852	10.023	ng/ul#	98
48) 2,6-Dinitrotoluene	14.101	165	29086	9.070	ng/ul#	84
50) Acenaphthylene	14.248	152	215294	10.271	ng/ul	99
51) 3-Nitroaniline	14.436	138	19604	7.021	ng/ul	86
52) Acenaphthene	14.589	153	145915	10.613	ng/ul	99
53) 2,4-Dinitrophenol	14.642	184	10264	4.923	ng/ul#	86
55) 4-Nitrophenol	14.736	109	11867	5.434	ng/ul#	82
56) Dibenzofuran	14.924	168	195119	9.799	ng/ul	93
57) 2,4-Dinitrotoluene	14.889	165	38557	8.737	ng/ul#	71
58) 2,3,4,6-Tetrachlorophenol	15.148	232	36510	8.418	ng/ul#	88
59) Diethylphthalate	15.342	149	164542	10.471	ng/ul	96
61) Fluorene	15.571	166	161503	9.973	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.565	204	80011	9.113	ng/ul	91
63) 4-Nitroaniline	15.601	138	19055m	8.061	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.648	198	21673	7.710	ng/ul#	80
67) N-Nitrosodiphenylamine	15.777	169	132607	10.087	ng/ul	98
68) 4-Bromophenyl-phenylether	16.459	248	45905	8.964	ng/ul#	91
69) Hexachlorobenzene	16.577	284	56816	8.894	ng/ul#	93
70) Atrazine	16.730	200	45606	8.804	ng/ul	97
71) Pentachlorophenol	16.918	266	27670	7.201	ng/ul	96
72) Phenanthrene	17.307	178	252655	10.440	ng/ul	98
74) Anthracene	17.401	178	249144	10.373	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.324	216	71411	8.885	ng/uL	99
76) Pentachlorobenzene	14.848	250	67277	8.898	ng/uL	99
77) Carbazole	17.671	167	168701	8.643	ng/ul	99
78) Di-n-butylphthalate	18.236	149	246373	10.557	ng/ul#	98
80) Fluoranthene	19.324	202	265574	9.380	ng/ul#	89
82) Pyrene	19.683	202	301503	10.262	ng/ul#	89
83) Butylbenzylphthalate	20.583	149	107452	10.925	ng/ul#	85
84) 3,3'-Dichlorobenzidine	21.371	252	62480	6.895	ng/ul#	94
85) Benzo(a)anthracene	21.430	228	256914	9.618	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.359	149	160692	10.985	ng/ul	98
87) Chrysene	21.483	228	278832	9.696	ng/ul	99
89) Di-n-octyl phthalate	22.277	149	280401	10.838	ng/ul	100
90) Benzo(b)fluoranthene	23.100	252	270593	9.559	ng/ul#	98
91) Benzo(k)fluoranthene	23.147	252	287176	9.953	ng/ul#	96
93) Benzo(a)pyrene	23.718	252	269917	9.560	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.300	276	268300	8.691	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.324	278	218176	8.435	ng/ul#	93
96) Benzo(g,h,i)perylene	27.059	276	291804m	10.164	ng/ul	

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

