

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031022\
 Data File : BM034208.D
 Acq On : 10 Mar 2022 21:10
 Operator : CG/JU
 Sample : SSTD04049
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD040049

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Mar 11 00:27:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 11 00:23:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	152651	20.000	ng/u1	0.00
20) Naphthalene-d8	10.766	136	584823	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.595	164	365283	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.330	188	735231	20.000	ng/u1	0.00
79) Chrysene-d12	21.500	240	741839	20.000	ng/u1	0.00
88) Perylene-d12	23.924	264	763508	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	55279m	16.655	ng/uL	0.00
4) Pyridine-d5	3.743	84	331640	34.326	ng/u1	0.00
7) Phenol-d5	7.107	99	405784	33.925	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.278	67	240326	37.330	ng/u1	0.00
11) 2-Chlorophenol-d4	7.484	132	373329	37.653	ng/u1	0.00
15) 4-Methylphenol-d8	8.660	113	350679	34.990	ng/u1	0.00
21) Nitrobenzene-d5	9.113	128	180659	39.869	ng/u1	0.00
24) 2-Nitrophenol-d4	9.842	143	206666	41.993	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.384	165	398063	39.221	ng/u1	0.00
31) 4-Chloroaniline-d4	10.895	131	471691	34.016	ng/u1	0.00
46) Dimethylphthalate-d6	14.001	166	1085572	39.164	ng/u1	0.00
49) Acenaphthylene-d8	14.289	160	1410471	40.692	ng/u1	0.00
54) 4-Nitrophenol-d4	14.777	143	171581	33.267	ng/u1	0.00
60) Fluorene-d10	15.583	176	947199	38.395	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.695	200	187410	39.499	ng/u1	0.00
73) Anthracene-d10	17.430	188	1425162	39.350	ng/u1	0.00
81) Pyrene-d10	19.718	212	1633590	40.062	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.765	264	1639589	40.482	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.360	88	54554	15.183	ng/uL	96
5) Pyridine	3.760	79	342167	35.029	ng/u1	98
6) Benzaldehyde	7.084	77	263762	42.968	ng/u1	99
8) Phenol	7.137	94	406637	33.610	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.372	93	335725	35.757	ng/u1	99
12) 2-Chlorophenol	7.513	128	372523	36.373	ng/u1	98
13) 2-Methylphenol	8.395	108	322882	34.227	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.484	45	310107	37.211	ng/u1	99
16) Acetophenone	8.778	105	541830	34.314	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.772	70	261986	36.320	ng/u1	98
18) 4-Methylphenol	8.725	108	348628	33.836	ng/u1	97
19) Hexachloroethane	9.048	117	161857	38.430	ng/u1	95
22) Nitrobenzene	9.160	77	383009	37.378	ng/u1	99
23) Isophorone	9.689	82	709576	38.407	ng/u1	98
25) 2-Nitrophenol	9.872	139	210264	39.208	ng/u1	99
26) 2,4-Dimethylphenol	9.936	107	407777	37.593	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.172	93	440724	38.051	ng/u1	100
29) 2,4-Dichlorophenol	10.407	162	376958	37.580	ng/u1	99
30) Naphthalene	10.819	128	1177119	37.594	ng/u1	99
32) 4-Chloroaniline	10.919	127	460789	32.633	ng/u1	99
33) Hexachlorobutadiene	11.113	225	295350	38.663	ng/u1	98
34) Caprolactam	11.683	113	103167m	34.180	ng/u1	
35) 4-Chloro-3-methylphenol	12.042	107	353310	36.048	ng/u1	96
36) 2-Methylnaphthalene	12.425	142	812878	36.196	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.642	142	827923	35.982	ng/ul	99	03/11/2022
39) 1,2,4,5-Tetrachloroben...	12.795	216	512968	40.202	ng/ul	99	Supervised By :mohammad
40) Hexachlorocyclopentadiene	12.783	237	360347	41.830	ng/ul	95	ahmed
41) 2,4,6-Trichlorophenol	13.030	196	318777	40.927	ng/ul	95	
42) 2,4,5-Trichlorophenol	13.101	196	344134	40.061	ng/ul	98	
43) 1,1'-Biphenyl	13.430	154	1115559	39.225	ng/ul	99	
44) 2-Chloronaphthalene	13.472	162	880067	39.371	ng/ul	99	03/14/2022
45) 2-Nitroaniline	13.666	65	194834	37.877	ng/ul	98	
47) Dimethylphthalate	14.048	163	1049594	37.437	ng/ul	99	
48) 2,6-Dinitrotoluene	14.166	165	219691	39.424	ng/ul	95	
50) Acenaphthylene	14.319	152	1369580	39.189	ng/ul	100	
51) 3-Nitroaniline	14.489	138	191077	37.489	ng/ul	100	
52) Acenaphthene	14.660	153	881949	38.114	ng/ul	100	
53) 2,4-Dinitrophenol	14.695	184	124102	35.197	ng/ul	97	
55) 4-Nitrophenol	14.789	109	140859	31.490	ng/ul	94	
56) Dibenzofuran	14.989	168	1266497	37.160	ng/ul	99	
57) 2,4-Dinitrotoluene	14.948	165	305124	37.445	ng/ul	100	
58) 2,3,4,6-Tetrachlorophenol	15.213	232	291581	39.159	ng/ul	99	
59) Diethylphthalate	15.413	149	1023587	37.194	ng/ul	99	
61) Fluorene	15.636	166	1040029	37.097	ng/ul	99	
62) 4-Chlorophenyl-phenyle...	15.630	204	556346	36.857	ng/ul	99	
63) 4-Nitroaniline	15.648	138	175503m	37.223	ng/ul		
66) 4,6-Dinitro-2-methylph...	15.707	198	182990	38.193	ng/ul	99	
67) N-Nitrosodiphenylamine	15.842	169	877560	40.029	ng/ul	100	
68) 4-Bromophenyl-phenylether	16.524	248	339818	42.275	ng/ul	98	
69) Hexachlorobenzene	16.642	284	416779	39.853	ng/ul	99	
70) Atrazine	16.789	200	336023	37.858	ng/ul	99	
71) Pentachlorophenol	16.983	266	250963	37.814	ng/ul	99	
72) Phenanthrene	17.377	178	1569475	37.731	ng/ul	99	
74) Anthracene	17.465	178	1592753	37.893	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.395	216	529922	42.062	ng/ul	99	
76) Pentachlorobenzene	14.913	250	490702	41.595	ng/ul	99	
77) Carbazole	17.730	167	1283610	34.247	ng/ul	99	
78) Di-n-butylphthalate	18.301	149	1615411	39.539	ng/ul	100	
80) Fluoranthene	19.383	202	1871758	39.105	ng/ul	100	
82) Pyrene	19.748	202	1911433	38.606	ng/ul	99	
83) Butylbenzylphthalate	20.642	149	686235	40.503	ng/ul	98	
84) 3,3'-Dichlorobenzidine	21.418	252	646432	44.802	ng/ul	98	
85) Benzo(a)anthracene	21.489	228	1783985	36.478	ng/ul	99	
86) Bis(2-ethylhexyl)phtha...	21.418	149	1030721	41.561	ng/ul	99	
87) Chrysene	21.542	228	1863305	39.004	ng/ul	99	
89) Di-n-octyl phthalate	22.347	149	1724640	36.356	ng/ul	100	
90) Benzo(b)fluoranthene	23.189	252	1997477	37.795	ng/ul	99	
91) Benzo(k)fluoranthene	23.236	252	1886076	37.976	ng/ul	100	
93) Benzo(a)pyrene	23.818	252	1958144	39.460	ng/ul	100	
94) Indeno(1,2,3-cd)pyrene	26.447	276	2194291	42.357	ng/ul	100	
95) Dibenzo(a,h)anthracene	26.471	278	1848349	41.353	ng/ul	98	
96) Benzo(g,h,i)perylene	27.229	276	1946232	44.958	ng/ul	99	

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

