

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010622\
 Data File : BM033664.D
 Acq On : 06 Jan 2022 15:00
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV024

Quant Time: Jan 06 18:00:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 15:57:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	156507	20.000	ng/u1	0.00
20) Naphthalene-d8	10.801	136	686650	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.619	164	461042	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.354	188	994923	20.000	ng/u1	0.00
79) Chrysene-d12	21.518	240	1057018	20.000	ng/u1	0.00
88) Perylene-d12	23.947	264	1056953	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	32146	7.717	ng/uL	0.00
4) Pyridine-d5	3.749	84	230240	19.903	ng/u1	0.00
7) Phenol-d5	7.131	99	281027	19.992	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.301	67	174697	20.408	ng/u1	0.00
11) 2-Chlorophenol-d4	7.507	132	223381	20.785	ng/u1	0.00
15) 4-Methylphenol-d8	8.690	113	234784	20.177	ng/u1	0.00
21) Nitrobenzene-d5	9.142	128	114233	21.066	ng/u1	0.00
24) 2-Nitrophenol-d4	9.872	143	122909	21.386	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.413	165	231625	21.023	ng/u1	0.00
31) 4-Chloroaniline-d4	10.925	131	335384	20.478	ng/u1	0.00
46) Dimethylphthalate-d6	14.030	166	752388	20.713	ng/u1	0.00
49) Acenaphthylene-d8	14.313	160	894760	20.879	ng/u1	0.00
54) 4-Nitrophenol-d4	14.795	143	146787	21.055	ng/u1	0.00
60) Fluorene-d10	15.607	176	616681	20.463	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.713	200	116720	19.722	ng/u1	0.00
73) Anthracene-d10	17.454	188	1000567	20.725	ng/u1	0.00
81) Pyrene-d10	19.736	212	1191084	20.866	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.789	264	1150051	20.912	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.360	88	34466	7.926	ng/uL#	85
5) Pyridine	3.766	79	235997	19.893	ng/u1	91
6) Benzaldehyde	7.107	77	191602	23.621	ng/u1	84
8) Phenol	7.154	94	291711	20.200	ng/u1#	85
10) Bis(2-Chloroethyl)ether	7.396	93	228765	20.338	ng/u1	93
12) 2-Chlorophenol	7.543	128	233564	20.690	ng/u1#	87
13) 2-Methylphenol	8.425	108	222898	20.073	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.519	45	321677	20.328	ng/u1	96
16) Acetophenone	8.807	105	379814	20.747	ng/u1#	88
17) N-Nitroso-di-n-propyla...	8.795	70	196327	20.709	ng/u1#	88
18) 4-Methylphenol	8.748	108	246006	20.269	ng/u1	97
19) Hexachloroethane	9.078	117	98538	20.583	ng/u1	90
22) Nitrobenzene	9.184	77	283406	20.611	ng/u1	93
23) Isophorone	9.719	82	548930	20.888	ng/u1	97
25) 2-Nitrophenol	9.901	139	133015	21.452	ng/u1#	85
26) 2,4-Dimethylphenol	9.966	107	296552	20.677	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.201	93	324586	20.607	ng/u1	98
29) 2,4-Dichlorophenol	10.442	162	231943	20.924	ng/u1	97
30) Naphthalene	10.848	128	787909	20.716	ng/u1	98
32) 4-Chloroaniline	10.948	127	339576	20.514	ng/u1	98
33) Hexachlorobutadiene	11.148	225	158176	20.705	ng/u1	96
34) Caprolactam	11.707	113	77748	20.509	ng/u1	83
35) 4-Chloro-3-methylphenol	12.072	107	284274	21.010	ng/u1	87
36) 2-Methylnaphthalene	12.454	142	544628	20.792	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.678	142	555960	20.604	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.825	216	284433	20.646	ng/ul	99
40) Hexachlorocyclopentadiene	12.813	237	178647	19.748	ng/ul	98
41) 2,4,6-Trichlorophenol	13.060	196	185835	20.990	ng/ul	99
42) 2,4,5-Trichlorophenol	13.125	196	206121	21.043	ng/ul	94
43) 1,1'-Biphenyl	13.460	154	745152	20.610	ng/ul	99
44) 2-Chloronaphthalene	13.501	162	567184	20.877	ng/ul	98
45) 2-Nitroaniline	13.695	65	187722	21.239	ng/ul#	81
47) Dimethylphthalate	14.072	163	752836	20.730	ng/ul	100
48) 2,6-Dinitrotoluene	14.189	165	149611	21.492	ng/ul	91
50) Acenaphthylene	14.342	152	951101	20.897	ng/ul	99
51) 3-Nitroaniline	14.513	138	161024	22.510	ng/ul	87
52) Acenaphthene	14.683	153	616227	20.569	ng/ul	98
53) 2,4-Dinitrophenol	14.713	184	79008	18.859	ng/ul	89
55) 4-Nitrophenol	14.807	109	138419	20.495	ng/ul	88
56) Dibenzofuran	15.019	168	880489	20.492	ng/ul	98
57) 2,4-Dinitrotoluene	14.966	165	223712	21.464	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.236	232	175810	21.177	ng/ul	96
59) Diethylphthalate	15.436	149	788688	20.556	ng/ul	99
61) Fluorene	15.660	166	716399	20.528	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.660	204	355606	20.303	ng/ul	99
63) 4-Nitroaniline	15.666	138	164568	23.879	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.730	198	118751	19.966	ng/ul#	93
67) N-Nitrosodiphenylamine	15.866	169	629723	20.847	ng/ul	97
68) 4-Bromophenyl-phenylether	16.548	248	198186	20.047	ng/ul	97
69) Hexachlorobenzene	16.665	284	247958	20.596	ng/ul	97
70) Atrazine	16.813	200	245661	20.433	ng/ul	98
71) Pentachlorophenol	17.007	266	157123	19.951	ng/ul	97
72) Phenanthrene	17.395	178	1167894	20.581	ng/ul	99
74) Anthracene	17.489	178	1194902	20.734	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.425	216	312300	20.866	ng/uL	97
76) Pentachlorobenzene	14.936	250	289833	20.616	ng/uL	98
77) Carbazole	17.754	167	1100864	21.295	ng/ul	99
78) Di-n-butylphthalate	18.324	149	1377326	21.156	ng/ul	99
80) Fluoranthene	19.406	202	1422534	20.965	ng/ul	99
82) Pyrene	19.765	202	1470064	20.957	ng/ul	99
83) Butylbenzylphthalate	20.659	149	654297	21.561	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.430	252	507032	21.560	ng/ul	98
85) Benzo(a)anthracene	21.506	228	1443184	20.854	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.436	149	990202	20.805	ng/ul	100
87) Chrysene	21.559	228	1388081	20.660	ng/ul	99
89) Di-n-octyl phthalate	22.371	149	1721409	19.860	ng/ul	100
90) Benzo(b)fluoranthene	23.206	252	1488361	20.733	ng/ul	99
91) Benzo(k)fluoranthene	23.253	252	1384417	20.719	ng/ul	100
93) Benzo(a)pyrene	23.841	252	1392296	20.739	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.488	276	1413721	20.924	ng/ul	95
95) Dibenzo(a,h)anthracene	26.506	278	1216365	20.892	ng/ul	96
96) Benzo(g,h,i)perylene	27.265	276	1153054	20.913	ng/ul	98

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

