

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040524\
 Data File : BM044961.D
 Acq On : 05 Apr 2024 22:45
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV033

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/08/2024
 Supervised By :mohammad ahmed 04/08/2024

Quant Time: Apr 06 00:58:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 06 00:56:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	69991	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	302853	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.286	164	194922	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.045	188	405948	20.000	ng/ul	0.00
79) Chrysene-d12	21.250	240	435503	20.000	ng/ul	0.00
88) Perylene-d12	23.480	264	544978	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	15458	8.247	ng/uL	0.00
4) Pyridine-d5	3.610	84	113274	22.224	ng/ul	0.00
7) Phenol-d5	6.816	99	126906	21.388	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	84741	23.971	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	102754	22.104	ng/ul	0.00
15) 4-Methylphenol-d8	8.345	113	100006	21.533	ng/ul	0.00
21) Nitrobenzene-d5	8.798	128	51483	22.131	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	55017	22.407	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	98461	21.871	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	145545	20.306	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	287887	21.212	ng/ul	0.00
49) Acenaphthylene-d8	13.974	160	334900	20.888	ng/ul	0.00
54) 4-Nitrophenol-d4	14.515	143	55498	19.594	ng/ul	0.00
60) Fluorene-d10	15.286	176	242675	20.056	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.427	200	47358	19.675	ng/ul	0.00
73) Anthracene-d10	17.145	188	384391	21.049	ng/ul	0.00
81) Pyrene-d10	19.450	212	457753	21.346	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.338	264	560128	21.069	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	15722	8.032	ng/uL#	89
5) Pyridine	3.628	79	101955	18.878	ng/ul	96
6) Benzaldehyde	6.798	77	67869	24.674	ng/ul	98
8) Phenol	6.839	94	126640	20.611	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.081	93	98514	20.544	ng/ul	98
12) 2-Chlorophenol	7.198	128	103525	21.224	ng/ul	97
13) 2-Methylphenol	8.081	108	90535	19.962	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.151	45	119557	20.903	ng/ul	97
16) Acetophenone	8.463	105	157978	20.922	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.445	70	79115	22.191	ng/ul	95
18) 4-Methylphenol	8.410	108	102324	20.932	ng/ul	100
19) Hexachloroethane	8.686	117	43221	20.146	ng/ul	98
22) Nitrobenzene	8.839	77	117876	20.653	ng/ul	97
23) Isophorone	9.363	82	210030	20.029	ng/ul	98
25) 2-Nitrophenol	9.539	139	56986	20.910	ng/ul	93
26) 2,4-Dimethylphenol	9.598	107	86035	16.375	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.845	93	127531	20.515	ng/ul	100
29) 2,4-Dichlorophenol	10.063	162	94916	20.868	ng/ul	99
30) Naphthalene	10.457	128	317145	19.782	ng/ul	99
32) 4-Chloroaniline	10.592	127	133834	19.190	ng/ul	99
33) Hexachlorobutadiene	10.727	225	54736	19.355	ng/ul	93
34) Caprolactam	11.386	113	32836m	21.384	ng/ul	
35) 4-Chloro-3-methylphenol	11.716	107	98836	21.860	ng/ul	98
36) 2-Methylnaphthalene	12.080	142	211994	20.252	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	199607	18.843	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.451	216	106470	19.973	ng/ul	99
40) Hexachlorocyclopentadiene	12.416	237	43625	13.519	ng/ul	98
41) 2,4,6-Trichlorophenol	12.704	196	71919	20.682	ng/ul	94
42) 2,4,5-Trichlorophenol	12.780	196	77259	20.164	ng/ul	97
43) 1,1'-Biphenyl	13.110	154	278643	20.244	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	217293	19.431	ng/ul	100
45) 2-Nitroaniline	13.380	65	67091	21.734	ng/ul	93
47) Dimethylphthalate	13.757	163	273362	19.270	ng/ul	98
48) 2,6-Dinitrotoluene	13.886	165	59626	21.445	ng/ul	93
50) Acenaphthylene	14.004	152	367386	19.619	ng/ul	99
51) 3-Nitroaniline	14.215	138	67087	22.120	ng/ul	91
52) Acenaphthene	14.351	153	234826	18.793	ng/ul	99
53) 2,4-Dinitrophenol	14.433	184	29373	17.769	ng/ul	95
55) 4-Nitrophenol	14.527	109	46340	18.603	ng/ul	94
56) Dibenzofuran	14.686	168	335643	19.630	ng/ul	98
57) 2,4-Dinitrotoluene	14.680	165	83533	20.071	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	14.915	232	66980	20.426	ng/ul	95
59) Diethylphthalate	15.127	149	276215	19.086	ng/ul	99
61) Fluorene	15.339	166	271482	18.838	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.345	204	124337	18.407	ng/ul	98
63) 4-Nitroaniline	15.386	138	61938	22.463	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.439	198	49579	19.234	ng/ul	100
67) N-Nitrosodiphenylamine	15.562	169	227113	20.739	ng/ul	99
68) 4-Bromophenyl-phenylether	16.239	248	77727	19.660	ng/ul	97
69) Hexachlorobenzene	16.339	284	100730	19.586	ng/ul	97
70) Atrazine	16.527	200	75476	18.737	ng/ul	99
71) Pentachlorophenol	16.692	266	59636	19.089	ng/ul	98
72) Phenanthrene	17.086	178	424014	19.410	ng/ul	98
74) Anthracene	17.180	178	434457	19.442	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.068	216	105983	20.714	ng/uL	98
76) Pentachlorobenzene	14.598	250	107692	19.782	ng/uL	97
77) Carbazole	17.462	167	418043	19.401	ng/ul	99
78) Di-n-butylphthalate	18.027	149	469219	19.310	ng/ul	100
80) Fluoranthene	19.115	202	501862	19.842	ng/ul	99
82) Pyrene	19.480	202	543524	19.914	ng/ul	99
83) Butylbenzylphthalate	20.403	149	219886	19.229	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.180	252	216447	22.352	ng/ul	95
85) Benzo(a)anthracene	21.239	228	579227	19.602	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.180	149	338730	18.950	ng/ul	99
87) Chrysene	21.291	228	542787	19.704	ng/ul	100
89) Di-n-octyl phthalate	22.068	149	582565	16.990	ng/ul	100
90) Benzo(b)fluoranthene	22.809	252	633478	19.944	ng/ul	99
91) Benzo(k)fluoranthene	22.856	252	610203	19.086	ng/ul	99
93) Benzo(a)pyrene	23.380	252	599523	19.394	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.715	276	804506	20.091	ng/ul	99
95) Dibenzo(a,h)anthracene	25.732	278	655405	19.576	ng/ul	98
96) Benzo(g,h,i)perylene	26.397	276	612068	19.375	ng/ul	98

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

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