

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043424.D
 Acq On : 19 Dec 2023 12:17
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020169

Quant Time: Dec 19 23:20:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	464220	20.000	ng/u1	0.00
20) Naphthalene-d8	10.798	136	2075101	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.621	164	1122751	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	1970368	20.000	ng/u1	0.00
79) Chrysene-d12	21.544	240	1368573	20.000	ng/u1	0.00
88) Perylene-d12	23.968	264	1492566	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	106791	7.477	ng/uL	0.00
4) Pyridine-d5	3.804	84	848491	20.640	ng/u1	0.00
7) Phenol-d5	7.145	99	1129246	21.384	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	704145	21.054	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.516	132	845099	20.959	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	858923	20.960	ng/u1	0.00
21) Nitrobenzene-d5	9.163	128	426997	21.268	ng/u1	0.00
24) 2-Nitrophenol-d4	9.880	143	451152	21.748	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	792865	21.651	ng/u1	0.00
31) 4-Chloroaniline-d4	10.939	131	1114026	20.678	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	2090408	20.683	ng/u1	0.00
49) Acenaphthylene-d8	14.315	160	2532035	21.118	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	378522	19.787	ng/u1	0.00
60) Fluorene-d10	15.610	176	1705024	20.401	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	252677	19.390	ng/u1	0.00
73) Anthracene-d10	17.468	188	2313773	20.939	ng/u1	0.00
81) Pyrene-d10	19.750	212	2114266	19.568	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	1879521	20.406	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.416	88	119779	7.590	ng/uL	97
5) Pyridine	3.822	79	888542	20.901	ng/u1	97
6) Benzaldehyde	7.128	77	551855	22.039	ng/u1	99
8) Phenol	7.175	94	1109385	21.353	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.416	93	891393	21.134	ng/u1	99
12) 2-Chlorophenol	7.545	128	860593	20.952	ng/u1	98
13) 2-Methylphenol	8.434	108	840844	21.314	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.516	45	1486034	20.981	ng/u1	98
16) Acetophenone	8.822	105	1298827	20.702	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.810	70	733719	19.594	ng/u1	99
18) 4-Methylphenol	8.763	108	897937	21.002	ng/u1	99
19) Hexachloroethane	9.063	117	345537	19.951	ng/u1	94
22) Nitrobenzene	9.204	77	1047329	21.078	ng/u1	98
23) Isophorone	9.733	82	1969414	19.540	ng/u1	100
25) 2-Nitrophenol	9.910	139	470525	21.342	ng/u1	98
26) 2,4-Dimethylphenol	9.969	107	828900	21.105	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.216	93	1198562	20.139	ng/u1	100
29) 2,4-Dichlorophenol	10.445	162	763409	21.481	ng/u1	98
30) Naphthalene	10.845	128	2757876	20.853	ng/u1	100
32) 4-Chloroaniline	10.963	127	1081984	20.886	ng/u1	98
33) Hexachlorobutadiene	11.116	225	384687	21.231	ng/u1	97
34) Caprolactam	11.757	113	233692m	20.577	ng/u1	
35) 4-Chloro-3-methylphenol	12.080	107	849653	20.355	ng/u1	99
36) 2-Methylnaphthalene	12.451	142	1841701	20.458	ng/u1	99

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37) 1-Methylnaphthalene	12.674	142	1853538	20.413	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.816	216	757934	22.156	ng/ul	98
40) Hexachlorocyclopentadiene	12.786	237	233889	10.897	ng/ul	99
41) 2,4,6-Trichlorophenol	13.057	196	520515	21.406	ng/ul	97
42) 2,4,5-Trichlorophenol	13.127	196	559667	21.677	ng/ul	98
43) 1,1'-Biphenyl	13.463	154	2302171	21.510	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	1765596	21.517	ng/ul	100
45) 2-Nitroaniline	13.716	65	580551	21.099	ng/ul	99
47) Dimethylphthalate	14.086	163	2064914	20.688	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	417091	21.614	ng/ul	98
50) Acenaphthylene	14.345	152	2914065	21.165	ng/ul	99
51) 3-Nitroaniline	14.539	138	477829	21.569	ng/ul	100
52) Acenaphthene	14.686	153	1897144	20.907	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	179153	17.440	ng/ul	98
55) 4-Nitrophenol	14.839	109	291841	19.647	ng/ul	94
56) Dibenzofuran	15.021	168	2427865	20.717	ng/ul	100
57) 2,4-Dinitrotoluene	14.992	165	574069	21.056	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.245	232	393585	19.896	ng/ul	96
59) Diethylphthalate	15.451	149	2133951	20.862	ng/ul	100
61) Fluorene	15.668	166	2080970	20.785	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.662	204	909454	20.651	ng/ul	98
63) 4-Nitroaniline	15.698	138	455777	22.477	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.751	198	272733	19.603	ng/ul	99
67) N-Nitrosodiphenylamine	15.880	169	1639884	21.668	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	509222	21.814	ng/ul	97
69) Hexachlorobenzene	16.662	284	577892	21.608	ng/ul	99
70) Atrazine	16.833	200	311798	18.795	ng/ul	98
71) Pentachlorophenol	17.009	266	313536	19.392	ng/ul	99
72) Phenanthrene	17.409	178	2778362	20.805	ng/ul	100
74) Anthracene	17.498	178	2837416	21.053	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.421	216	751050	23.210	ng/uL	98
76) Pentachlorobenzene	14.933	250	700099	22.220	ng/uL	99
77) Carbazole	17.774	167	2448442	21.286	ng/ul	100
78) Di-n-butylphthalate	18.339	149	3489039	23.202	ng/ul	100
80) Fluoranthene	19.421	202	2630801	19.662	ng/ul	98
82) Pyrene	19.786	202	2686131	19.528	ng/ul	99
83) Butylbenzylphthalate	20.692	149	1317948	22.161	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.468	252	666359	19.770	ng/ul	98
85) Benzo(a)anthracene	21.533	228	2367218	20.685	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	1984058	23.433	ng/ul	99
87) Chrysene	21.586	228	2159334	20.974	ng/ul	99
89) Di-n-octyl phthalate	22.415	149	3142257	22.008	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	2254644	19.712	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	2259757	20.257	ng/ul	100
93) Benzo(a)pyrene	23.868	252	2136152	20.470	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.503	276	2684024	21.541	ng/ul	100
95) Dibenzo(a,h)anthracene	26.526	278	2232834	21.641	ng/ul	99
96) Benzo(g,h,i)perylene	27.273	276	2109436	21.597	ng/ul	98

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

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