

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120823\
 Data File : BM043203.D
 Acq On : 08 Dec 2023 19:08
 Operator : MA/JU
 Sample : PB157621BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS621

Quant Time: Dec 08 21:47:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 00:42:52 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	545228	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	2447082	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.633	164	1630177	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.374	188	3515379	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	3325821	20.000	ng/u1	0.00
88) Perylene-d12	23.938	264	3335910	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	66633	4.796	ng/uL	0.00
4) Pyridine-d5	3.816	84	1001214	24.289	ng/u1	0.00
7) Phenol-d5	7.169	99	1392772	25.731	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	849961	25.365	ng/u1	0.00
11) 2-Chlorophenol-d4	7.539	132	1050759	25.464	ng/u1	0.00
15) 4-Methylphenol-d8	8.722	113	1039915	24.284	ng/u1	0.00
21) Nitrobenzene-d5	9.186	128	546871	26.219	ng/u1	0.00
24) 2-Nitrophenol-d4	9.904	143	559465	27.817	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	1144387	25.528	ng/u1	0.00
31) 4-Chloroaniline-d4	10.963	131	1451356	22.500	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	3635068	25.438	ng/u1	0.00
49) Acenaphthylene-d8	14.333	160	4114316	24.886	ng/u1	0.00
54) 4-Nitrophenol-d4	14.833	143	667478	26.067	ng/u1	0.00
60) Fluorene-d10	15.621	176	3107155	24.944	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	491337	25.395	ng/u1	0.00
73) Anthracene-d10	17.474	188	4432197	23.305	ng/u1	0.00
81) Pyrene-d10	19.750	212	5421464	25.476	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.785	264	4927395	25.313	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.434	88	136219	8.927	ng/uL	92
5) Pyridine	3.840	79	1026757	24.236	ng/u1	98
6) Benzaldehyde	7.151	77	712009	25.557	ng/u1	100
8) Phenol	7.198	94	1361973	25.442	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.445	93	1080739	25.039	ng/u1	99
12) 2-Chlorophenol	7.569	128	1059908	25.318	ng/u1	99
13) 2-Methylphenol	8.451	108	993696	24.005	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.539	45	1817097	25.321	ng/u1	100
16) Acetophenone	8.845	105	1734731	25.204	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.833	70	928572	24.613	ng/u1	98
18) 4-Methylphenol	8.786	108	1112157	24.762	ng/u1	98
19) Hexachloroethane	9.086	117	435324	24.533	ng/u1	100
22) Nitrobenzene	9.228	77	1279899	25.522	ng/u1	99
23) Isophorone	9.751	82	2656030	24.856	ng/u1	99
25) 2-Nitrophenol	9.933	139	599998	27.219	ng/u1	99
26) 2,4-Dimethylphenol	9.992	107	542992	12.564	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.239	93	1559384	24.821	ng/u1	99
29) 2,4-Dichlorophenol	10.463	162	1096646	25.204	ng/u1	100
30) Naphthalene	10.869	128	3678083	24.488	ng/u1	99
32) 4-Chloroaniline	10.986	127	1259876	20.707	ng/u1	99
33) Hexachlorobutadiene	11.139	225	649933	23.972	ng/u1	98
34) Caprolactam	11.757	113	381432m	29.483	ng/u1	
35) 4-Chloro-3-methylphenol	12.098	107	1170576	25.621	ng/u1	100
36) 2-Methylnaphthalene	12.474	142	2650743	24.530	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.692	142	2613653	23.829	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.833	216	1349757	24.473	ng/ul	100
40) Hexachlorocyclopentadiene	12.804	237	535083	17.098	ng/ul	99
41) 2,4,6-Trichlorophenol	13.074	196	806967	23.513	ng/ul	100
42) 2,4,5-Trichlorophenol	13.145	196	912482	24.429	ng/ul	98
43) 1,1'-Biphenyl	13.480	154	3570262	24.757	ng/ul	99
44) 2-Chloronaphthalene	13.521	162	2755517	24.650	ng/ul	99
45) 2-Nitroaniline	13.727	65	807072	27.322	ng/ul	99
47) Dimethylphthalate	14.104	163	3553192	25.351	ng/ul	99
48) 2,6-Dinitrotoluene	14.227	165	695038	26.916	ng/ul	95
50) Acenaphthylene	14.357	152	4651925	24.896	ng/ul	100
51) 3-Nitroaniline	14.551	138	705362	24.622	ng/ul	99
52) Acenaphthene	14.698	153	3066806	24.883	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	299323	25.249	ng/ul	98
55) 4-Nitrophenol	14.845	109	486126	26.255	ng/ul	97
56) Dibenzofuran	15.033	168	4191797	24.898	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	997519	27.055	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.251	232	673927	21.706	ng/ul	100
59) Diethylphthalate	15.462	149	3609544	25.603	ng/ul	100
61) Fluorene	15.680	166	3704802	25.421	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.680	204	1796353	24.949	ng/ul	100
63) 4-Nitroaniline	15.709	138	743237	25.821	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.757	198	543974	25.713	ng/ul	98
67) N-Nitrosodiphenylamine	15.892	169	2924232	24.805	ng/ul	100
68) 4-Bromophenyl-phenylether	16.568	248	1010869	23.779	ng/ul	98
69) Hexachlorobenzene	16.668	284	1250570	24.793	ng/ul	100
70) Atrazine	16.839	200	253544	7.627	ng/ul	97
71) Pentachlorophenol	17.015	266	568749	19.150	ng/ul	99
72) Phenanthrene	17.415	178	5599279	25.543	ng/ul	100
74) Anthracene	17.509	178	5298064	23.993	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.433	216	1377836	24.775	ng/uL	99
76) Pentachlorobenzene	14.945	250	1411471	24.974	ng/uL	98
77) Carbazole	17.780	167	5034085	27.753	ng/ul	100
78) Di-n-butylphthalate	18.350	149	6473149	27.436	ng/ul	100
80) Fluoranthene	19.421	202	6462514	26.474	ng/ul	100
82) Pyrene	19.780	202	6678820	26.302	ng/ul	99
83) Butylbenzylphthalate	20.686	149	2772152	27.445	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.456	252	1893389	23.954	ng/ul	99
85) Benzo(a)anthracene	21.521	228	6538896	25.643	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.462	149	4484993	28.128	ng/ul	100
87) Chrysene	21.574	228	5914679	25.970	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	7052829	30.737	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	6154657	25.858	ng/ul	99
91) Benzo(k)fluoranthene	23.256	252	6052918	25.534	ng/ul	100
93) Benzo(a)pyrene	23.832	252	5557265	25.260	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.438	276	6226584	24.847	ng/ul	99
95) Dibenzo(a,h)anthracene	26.462	278	5307829	25.331	ng/ul	99
96) Benzo(g,h,i)perylene	27.203	276	4688629	24.833	ng/ul	99

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

