

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043723.D
 Acq On : 03 Jan 2024 09:06
 Operator : MA/JU
 Sample : PB158129BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS129

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 03 23:32:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 22:31:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	181444	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	795034	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	479734	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	1011403	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	906023	20.000	ng/u1	0.00
88) Perylene-d12	23.944	264	997444	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	28688	5.139	ng/uL	0.00
4) Pyridine-d5	3.793	84	439017	27.323	ng/u1	0.00
7) Phenol-d5	7.134	99	592406	28.701	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.298	67	339564	25.976	ng/u1	0.00
11) 2-Chlorophenol-d4	7.487	132	444993	28.236	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	458704	28.639	ng/u1	0.01
21) Nitrobenzene-d5	9.133	128	222518	28.928	ng/u1	0.00
24) 2-Nitrophenol-d4	9.851	143	249082	31.340	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.392	165	447272	31.879	ng/u1	0.01
31) 4-Chloroaniline-d4	10.916	131	607498	29.432	ng/u1	0.00
46) Dimethylphthalate-d6	14.015	166	1214795	28.129	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	1518719	29.645	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	275448	33.699	ng/u1	0.03
60) Fluorene-d10	15.592	176	1088843	30.490	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.715	200	175517	26.239	ng/u1	0.00
73) Anthracene-d10	17.445	188	1671702	29.472	ng/u1	0.00
81) Pyrene-d10	19.733	212	1855859	25.945	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.785	264	1850655	30.067	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	58893	9.548	ng/uL#	96
5) Pyridine	3.810	79	445449	26.808	ng/u1	97
6) Benzaldehyde	7.104	77	313203	32.002	ng/u1	96
8) Phenol	7.157	94	608903	29.986	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.392	93	449197	27.248	ng/u1	98
12) 2-Chlorophenol	7.522	128	467763	29.137	ng/u1	97
13) 2-Methylphenol	8.416	108	451909	29.308	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.486	45	735468	26.567	ng/u1	100
16) Acetophenone	8.792	105	686953	28.013	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.775	70	378396	25.853	ng/u1	100
18) 4-Methylphenol	8.745	108	499605	29.896	ng/u1	99
19) Hexachloroethane	9.028	117	170149	25.135	ng/u1	90
22) Nitrobenzene	9.175	77	551449	28.968	ng/u1	99
23) Isophorone	9.704	82	1036682	26.846	ng/u1	99
25) 2-Nitrophenol	9.886	139	265939	31.484	ng/u1	97
26) 2,4-Dimethylphenol	9.945	107	457269	30.389	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.186	93	618569	27.129	ng/u1	100
29) 2,4-Dichlorophenol	10.422	162	440056	32.320	ng/u1	96
30) Naphthalene	10.816	128	1502287	29.649	ng/u1	100
32) 4-Chloroaniline	10.939	127	567126	28.573	ng/u1	99
33) Hexachlorobutadiene	11.080	225	220367	31.744	ng/u1	99
34) Caprolactam	11.745	113	160324	36.847	ng/u1	96
35) 4-Chloro-3-methylphenol	12.069	107	501757	31.374	ng/u1	97
36) 2-Methylnaphthalene	12.427	142	1012986	29.369	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	1001512	28.788	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.786	216	448853	30.707	ng/ul	95
40) Hexachlorocyclopentadiene	12.751	237	108269	11.805	ng/ul	97
41) 2,4,6-Trichlorophenol	13.039	196	339338	32.660	ng/ul	99
42) 2,4,5-Trichlorophenol	13.110	196	371399	33.665	ng/ul	98
43) 1,1'-Biphenyl	13.433	154	1311822	28.686	ng/ul	99
44) 2-Chloronaphthalene	13.474	162	1048731	29.912	ng/ul	98
45) 2-Nitroaniline	13.692	65	360450	30.658	ng/ul	98
47) Dimethylphthalate	14.063	163	1245439	29.202	ng/ul	100
48) 2,6-Dinitrotoluene	14.192	165	267578	32.451	ng/ul	95
50) Acenaphthylene	14.321	152	1769836	30.084	ng/ul	99
51) 3-Nitroaniline	14.521	138	315018	33.280	ng/ul	97
52) Acenaphthene	14.663	153	1155276	29.796	ng/ul	99
53) 2,4-Dinitrophenol	14.727	184	118216	26.932	ng/ul	98
55) 4-Nitrophenol	14.839	109	214038	33.723	ng/ul	95
56) Dibenzofuran	14.998	168	1547363	30.901	ng/ul	96
57) 2,4-Dinitrotoluene	14.974	165	393392	33.769	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.221	232	294339	34.823	ng/ul	95
59) Diethylphthalate	15.421	149	1311050	29.997	ng/ul	99
61) Fluorene	15.645	166	1342319	31.377	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	588673	31.283	ng/ul	97
63) 4-Nitroaniline	15.680	138	346028m	39.938	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.733	198	189712	26.564	ng/ul	94
67) N-Nitrosodiphenylamine	15.857	169	1093505	28.148	ng/ul	98
68) 4-Bromophenyl-phenylether	16.533	248	346337	28.904	ng/ul	98
69) Hexachlorobenzene	16.639	284	420023	30.597	ng/ul	96
70) Atrazine	16.821	200	335884	39.445	ng/ul	98
71) Pentachlorophenol	16.992	266	256121	30.861	ng/ul	100
72) Phenanthrene	17.386	178	2067155	30.156	ng/ul	100
74) Anthracene	17.480	178	2104583	30.421	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.392	216	447561	26.946	ng/uL	98
76) Pentachlorobenzene	14.910	250	452358	27.969	ng/uL	98
77) Carbazole	17.756	167	2023189	34.266	ng/ul	99
78) Di-n-butylphthalate	18.321	149	2454659	31.800	ng/ul	100
80) Fluoranthene	19.403	202	2314359	26.127	ng/ul	95
82) Pyrene	19.762	202	2435793	26.748	ng/ul	98
83) Butylbenzylphthalate	20.668	149	1177489	29.907	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.450	252	725618	32.518	ng/ul	98
85) Benzo(a)anthracene	21.509	228	2319169	30.611	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.444	149	1766741	31.520	ng/ul	99
87) Chrysene	21.568	228	2110512	30.965	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	2998254	31.423	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	2274851	29.761	ng/ul	98
91) Benzo(k)fluoranthene	23.256	252	2241616	30.068	ng/ul	99
93) Benzo(a)pyrene	23.838	252	2152480	30.865	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.456	276	2684241	32.236	ng/ul	98
95) Dibenzo(a,h)anthracene	26.485	278	2242138	32.518	ng/ul	98
96) Benzo(g,h,i)perylene	27.232	276	2108503	32.303	ng/ul	98

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

