

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032124\
 Data File : BM044695.D
 Acq On : 21 Mar 2024 11:25
 Operator : MA/JU
 Sample : PB159693BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SLCS693

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024
 Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 21 12:12:32 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Mar 15 11:12:49 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	152099	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	618607	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.333	164	349428	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.092	188	644140	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	560684	20.000	ng/u1	0.00
88) Perylene-d12	23.533	264	637405	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	28336	6.319	ng/uL	0.00
4) Pyridine-d5	3.646	84	405307	30.707	ng/u1	-0.01
7) Phenol-d5	6.863	99	489688	31.315	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	316334	32.750	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.222	132	384396	33.451	ng/u1	-0.01
15) 4-Methylphenol-d8	8.398	113	371094	30.217	ng/u1	0.00
21) Nitrobenzene-d5	8.851	128	185453	35.602	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	201604	35.901	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.092	165	352152	36.847	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.616	131	453040	28.542	ng/u1	-0.01
46) Dimethylphthalate-d6	13.757	166	903616	32.966	ng/u1	-0.01
49) Acenaphthylene-d8	14.027	160	1085804	34.637	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	167846	29.528	ng/u1	0.00
60) Fluorene-d10	15.333	176	771816	33.507	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.463	200	145504	34.799	ng/u1	-0.01
73) Anthracene-d10	17.192	188	1110014	36.052	ng/u1	0.00
81) Pyrene-d10	19.492	212	1198320	34.846	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.391	264	1235405	36.875	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	60422	13.015	ng/uL	94
5) Pyridine	3.669	79	402897	29.430	ng/u1	96
6) Benzaldehyde	6.851	77	214890	31.550	ng/u1	94
8) Phenol	6.893	94	506468	31.735	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.134	93	416564	31.787	ng/u1	95
12) 2-Chlorophenol	7.257	128	397443	33.531	ng/u1	99
13) 2-Methylphenol	8.128	108	372518	30.759	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.216	45	609766	35.234	ng/u1	98
16) Acetophenone	8.516	105	600395	31.522	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.504	70	318295	32.345	ng/u1	92
18) 4-Methylphenol	8.457	108	399060	30.270	ng/u1	96
19) Hexachloroethane	8.751	117	168555	34.716	ng/u1	95
22) Nitrobenzene	8.892	77	459808	37.222	ng/u1	97
23) Isophorone	9.416	82	860084	34.126	ng/u1	98
25) 2-Nitrophenol	9.598	139	217572	35.539	ng/u1	98
26) 2,4-Dimethylphenol	9.651	107	390044	35.014	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.898	93	542998	34.257	ng/u1	97
29) 2,4-Dichlorophenol	10.122	162	346612	36.327	ng/u1	98
30) Naphthalene	10.522	128	1247817	35.615	ng/u1	100
32) 4-Chloroaniline	10.645	127	310051	20.262	ng/u1	98
33) Hexachlorobutadiene	10.792	225	210346	39.333	ng/u1	97
34) Caprolactam	11.428	113	102313m	27.535	ng/u1	
35) 4-Chloro-3-methylphenol	11.763	107	364895	32.978	ng/u1	97
36) 2-Methylnaphthalene	12.139	142	801029	34.381	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	785167	34.162	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.504	216	380288	38.254	ng/ul	98
40) Hexachlorocyclopentadiene	12.475	237	247358	37.484	ng/ul	99
41) 2,4,6-Trichlorophenol	12.757	196	235643	33.813	ng/ul	96
42) 2,4,5-Trichlorophenol	12.827	196	258151	34.565	ng/ul	98
43) 1,1'-Biphenyl	13.163	154	994886	35.855	ng/ul	99
44) 2-Chloronaphthalene	13.204	162	779281	35.788	ng/ul	99
45) 2-Nitroaniline	13.422	65	239857	35.088	ng/ul	96
47) Dimethylphthalate	13.804	163	933245	33.459	ng/ul	99
48) 2,6-Dinitrotoluene	13.933	165	185799	33.350	ng/ul	99
50) Acenaphthylene	14.057	152	1295057	35.445	ng/ul	99
51) 3-Nitroaniline	14.257	138	184944	30.733	ng/ul	95
52) Acenaphthene	14.398	153	843520	35.119	ng/ul	99
53) 2,4-Dinitrophenol	14.469	184	98916	27.756	ng/ul	99
55) 4-Nitrophenol	14.563	109	130275	32.710	ng/ul	89
56) Dibenzofuran	14.739	168	1108329	34.690	ng/ul	100
57) 2,4-Dinitrotoluene	14.721	165	261965	32.574	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	14.963	232	196854	31.851	ng/ul	98
59) Diethylphthalate	15.180	149	942148	32.547	ng/ul	99
61) Fluorene	15.392	166	919309	35.181	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.392	204	443701	36.585	ng/ul	98
63) 4-Nitroaniline	15.427	138	209567m	36.437	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.480	198	156283	34.977	ng/ul	97
67) N-Nitrosodiphenylamine	15.610	169	726387	37.442	ng/ul	98
68) 4-Bromophenyl-phenylether	16.292	248	251316	39.007	ng/ul	95
69) Hexachlorobenzene	16.386	284	286955	39.103	ng/ul	96
70) Atrazine	16.568	200	87603	13.818	ng/ul	99
71) Pentachlorophenol	16.739	266	156396	32.275	ng/ul	99
72) Phenanthrene	17.133	178	1324159	36.238	ng/ul	99
74) Anthracene	17.227	178	1370431	37.084	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.122	216	369861	42.989	ng/uL	98
76) Pentachlorobenzene	14.651	250	351526	42.262	ng/uL	98
77) Carbazole	17.504	167	1222650	35.208	ng/ul	99
78) Di-n-butylphthalate	18.074	149	1558988	33.376	ng/ul	99
80) Fluoranthene	19.156	202	1455091	35.531	ng/ul	98
82) Pyrene	19.521	202	1529453	35.872	ng/ul	98
83) Butylbenzylphthalate	20.439	149	653696	31.181	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.215	252	457356	37.709	ng/ul	99
85) Benzo(a)anthracene	21.274	228	1497368	35.563	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.221	149	1040217	34.030	ng/ul	98
87) Chrysene	21.327	228	1402226	35.971	ng/ul	99
89) Di-n-octyl phthalate	22.109	149	1764971	30.941	ng/ul	100
90) Benzo(b)fluoranthene	22.862	252	1477595	34.644	ng/ul	99
91) Benzo(k)fluoranthene	22.903	252	1537121	36.797	ng/ul	99
93) Benzo(a)pyrene	23.439	252	1445583	36.232	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.797	276	1831048	40.917	ng/ul	98
95) Dibenzo(a,h)anthracene	25.815	278	1556665	41.719	ng/ul	98
96) Benzo(g,h,i)perylene	26.485	276	1456644	40.790	ng/ul	98

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

