

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
 Data File : BM048262.D
 Acq On : 28 Oct 2024 19:15
 Operator : RC/JU
 Sample : PB164422BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS422

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 11/01/2024

Quant Time: Oct 28 23:13:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 27 23:39:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	212272	20.000	ng/u1	0.00
20) Naphthalene-d8	10.510	136	883869	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.363	164	574273	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.104	188	1164457	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	1122647	20.000	ng/u1	0.00
88) Perylene-d12	24.274	264	1283568	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	29533	5.477	ng/uL	0.00
4) Pyridine-d5	3.587	84	422949	27.063	ng/u1	0.00
7) Phenol-d5	6.898	99	504106	27.643	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.051	67	295904	26.194	ng/u1	0.00
11) 2-Chlorophenol-d4	7.257	132	416396	28.077	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	397043	27.118	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	195269	26.947	ng/u1	0.00
24) 2-Nitrophenol-d4	9.598	143	216320	27.556	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.139	165	405903	28.334	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	488338	24.550	ng/u1	0.00
46) Dimethylphthalate-d6	13.774	166	1126076	26.239	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	1294399	26.750	ng/u1	0.00
54) 4-Nitrophenol-d4	14.580	143	216830	27.628	ng/u1	0.00
60) Fluorene-d10	15.357	176	965364	26.621	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	206021	26.772	ng/u1	0.00
73) Anthracene-d10	17.204	188	1496390	27.176	ng/u1	0.00
81) Pyrene-d10	19.498	212	1760399	25.840	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	1876778	27.721	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.205	88	61904	10.861	ng/uL	97
5) Pyridine	3.605	79	436331	27.242	ng/u1	98
6) Benzaldehyde	6.863	77	40285	4.463	ng/u1	98
8) Phenol	6.922	94	528890	27.848	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.145	93	398900	26.290	ng/u1	96
12) 2-Chlorophenol	7.287	128	430118	28.249	ng/u1	98
13) 2-Methylphenol	8.169	108	390776	27.351	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.240	45	612991	26.433	ng/u1	100
16) Acetophenone	8.540	105	617982	26.799	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.528	70	311019	26.297	ng/u1	99
18) 4-Methylphenol	8.498	108	434667	27.565	ng/u1	96
19) Hexachloroethane	8.792	117	172723	26.910	ng/u1	99
22) Nitrobenzene	8.916	77	457949	27.196	ng/u1	98
23) Isophorone	9.445	82	854832	26.196	ng/u1	99
25) 2-Nitrophenol	9.628	139	232245	26.990	ng/u1	100
26) 2,4-Dimethylphenol	9.692	107	405253	25.654	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.928	93	530661	26.220	ng/u1	99
29) 2,4-Dichlorophenol	10.163	162	405961	27.695	ng/u1	98
30) Naphthalene	10.557	128	1324528	26.831	ng/u1	99
32) 4-Chloroaniline	10.675	127	266795	13.843	ng/u1	99
33) Hexachlorobutadiene	10.845	225	260323	26.652	ng/u1	100
34) Caprolactam	11.457	113	121187m	25.922	ng/u1	
35) 4-Chloro-3-methylphenol	11.810	107	403826	27.380	ng/u1	98
36) 2-Methylnaphthalene	12.175	142	882235	26.513	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.398	142	882043	26.130	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.545	216	474664	26.107	ng/ul	100
40) Hexachlorocyclopentadiene	12.527	237	243361	22.361	ng/ul	99
41) 2,4,6-Trichlorophenol	12.792	196	316525	26.972	ng/ul	97
42) 2,4,5-Trichlorophenol	12.869	196	348022	28.077	ng/ul	99
43) 1,1'-Biphenyl	13.192	154	1152775	26.173	ng/ul	99
44) 2-Chloronaphthalene	13.233	162	905694	26.536	ng/ul	99
45) 2-Nitroaniline	13.445	65	258148	27.329	ng/ul	98
47) Dimethylphthalate	13.822	163	1119332	26.006	ng/ul	100
48) 2,6-Dinitrotoluene	13.945	165	228467	27.299	ng/ul	94
50) Acenaphthylene	14.080	152	1417075	26.810	ng/ul	100
51) 3-Nitroaniline	14.274	138	208389	23.655	ng/ul	98
52) Acenaphthene	14.427	153	990407	26.406	ng/ul	99
53) 2,4-Dinitrophenol	14.486	184	140679	24.715	ng/ul	95
55) 4-Nitrophenol	14.592	109	156180	27.261	ng/ul	97
56) Dibenzofuran	14.763	168	1381242	26.768	ng/ul	99
57) 2,4-Dinitrotoluene	14.733	165	343562	28.080	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.992	232	293081	27.579	ng/ul	99
59) Diethylphthalate	15.186	149	1151974	26.603	ng/ul	100
61) Fluorene	15.410	166	1109072	26.992	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.404	204	549916	26.660	ng/ul	99
63) 4-Nitroaniline	15.439	138	262449	32.902	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.498	198	221968	26.906	ng/ul	97
67) N-Nitrosodiphenylamine	15.621	169	927302	26.672	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	335507	26.408	ng/ul	99
69) Hexachlorobenzene	16.415	284	402656	26.489	ng/ul	97
70) Atrazine	16.574	200	331765	27.871	ng/ul	98
71) Pentachlorophenol	16.762	266	263098	27.355	ng/ul	97
72) Phenanthrene	17.145	178	1728876	26.813	ng/ul	99
74) Anthracene	17.239	178	1758691	27.250	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	466701	25.326	ng/ul	98
76) Pentachlorobenzene	14.680	250	465003	24.795	ng/ul	99
77) Carbazole	17.509	167	1623115	28.643	ng/ul	100
78) Di-n-butylphthalate	18.068	149	2057863	27.635	ng/ul	99
80) Fluoranthene	19.162	202	2029683	25.605	ng/ul	98
82) Pyrene	19.527	202	2190968	25.779	ng/ul	100
83) Butylbenzylphthalate	20.421	149	947173	26.968	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	641225	26.177	ng/ul	99
85) Benzo(a)anthracene	21.315	228	2198427	27.154	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.233	149	1425818	28.172	ng/ul	98
87) Chrysene	21.374	228	2072326	27.221	ng/ul	99
89) Di-n-octyl phthalate	22.344	149	2461404	25.632	ng/ul	100
90) Benzo(b)fluoranthene	23.344	252	2183297	26.654	ng/ul	100
91) Benzo(k)fluoranthene	23.409	252	2254444	27.489	ng/ul	100
93) Benzo(a)pyrene	24.144	252	2077661	27.882	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.597	276	2690421	29.979	ng/ul	99
95) Dibenzo(a,h)anthracene	27.650	278	2227424	30.348	ng/ul	99
96) Benzo(g,h,i)perylene	28.626	276	2100375	30.498	ng/ul	98

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

