

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047827.D
 Acq On : 04 Oct 2024 03:50
 Operator : RC/JU
 Sample : P4084-18MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCYM1MS

Quant Time: Oct 04 05:19:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 28 02:30:36 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2024
 Supervised By :mohammad ahmed 10/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	313958	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.598	136	1279584	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.439	164	793262	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.174	188	1550554	20.000	ng/u1	-0.01
79) Chrysene-d12	21.397	240	1408362	20.000	ng/u1	-0.01
88) Perylene-d12	24.397	264	1570055	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	25977	2.674	ng/uL	0.00
4) Pyridine-d5	3.669	84	27532	0.968	ng/u1	0.00
7) Phenol-d5	6.969	99	561516	18.914	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	360268	17.101	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.334	132	465172	21.536	ng/u1	-0.01
15) 4-Methylphenol-d8	8.510	113	459063	20.798	ng/u1	0.00
21) Nitrobenzene-d5	8.957	128	236792	23.242	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.675	143	226266	23.175	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.216	165	476588	24.436	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.727	131	399741	13.257	ng/u1	-0.01
46) Dimethylphthalate-d6	13.845	166	1119452	19.465	ng/u1	-0.01
49) Acenaphthylene-d8	14.127	160	1558233	22.851	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.633	143	215145	18.789	ng/u1	0.00
60) Fluorene-d10	15.427	176	1141413	22.913	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.545	200	165733	18.265	ng/u1	0.00
73) Anthracene-d10	17.274	188	1684284	22.091	ng/u1	-0.01
81) Pyrene-d10	19.556	212	1948595	24.378	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.191	264	1914922	23.507	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	84017	7.917	ng/uL	92
5) Pyridine	3.687	79	579369	19.346	ng/u1	86
6) Benzaldehyde	6.939	77	377868	23.404	ng/u1	95
8) Phenol	6.998	94	753681	23.859	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.222	93	584086	23.205	ng/u1	91
12) 2-Chlorophenol	7.369	128	606191	26.491	ng/u1	93
13) 2-Methylphenol	8.245	108	558865	25.372	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.322	45	885691	18.692	ng/u1	95
16) Acetophenone	8.622	105	912941	24.172	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.610	70	466486	23.319	ng/u1#	90
18) 4-Methylphenol	8.575	108	617085	24.930	ng/u1	99
19) Hexachloroethane	8.881	117	254920	24.785	ng/u1	90
22) Nitrobenzene	8.998	77	669505	23.133	ng/u1	91
23) Isophorone	9.528	82	1304082	25.189	ng/u1	95
25) 2-Nitrophenol	9.710	139	340393	30.476	ng/u1#	87
26) 2,4-Dimethylphenol	9.775	107	555924	23.229	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.004	93	789473	24.932	ng/u1	97
29) 2,4-Dichlorophenol	10.245	162	585772	29.086	ng/u1	98
30) Naphthalene	10.645	128	1915766	26.029	ng/u1	100
32) 4-Chloroaniline	10.751	127	635315	21.398	ng/u1	99
33) Hexachlorobutadiene	10.933	225	361540	27.171	ng/u1	98
34) Caprolactam	11.527	113	185314m	28.772	ng/u1	
35) 4-Chloro-3-methylphenol	11.880	107	602418	28.897	ng/u1	95
36) 2-Methylnaphthalene	12.257	142	1303060	27.863	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	1297328	27.266	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.627	216	689172	26.688	ng/ul	96
40) Hexachlorocyclopentadiene	12.610	237	333734	21.368	ng/ul	99
41) 2,4,6-Trichlorophenol	12.868	196	443439	29.680	ng/ul	100
42) 2,4,5-Trichlorophenol	12.939	196	480200	29.391	ng/ul	96
43) 1,1'-Biphenyl	13.268	154	1681133	26.469	ng/ul	98
44) 2-Chloronaphthalene	13.310	162	1300722	26.480	ng/ul	97
45) 2-Nitroaniline	13.510	65	385957	24.751	ng/ul#	80
47) Dimethylphthalate	13.892	163	1605239	27.560	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	321001	31.381	ng/ul#	84
50) Acenaphthylene	14.157	152	2076163	26.998	ng/ul	99
51) 3-Nitroaniline	14.333	138	353933	28.589	ng/ul	88
52) Acenaphthene	14.498	153	1402304	25.796	ng/ul	99
53) 2,4-Dinitrophenol	14.539	184	178917	28.306	ng/ul#	79
55) 4-Nitrophenol	14.645	109	239043	24.864	ng/ul	89
56) Dibenzofuran	14.833	168	1941348	26.531	ng/ul	98
57) 2,4-Dinitrotoluene	14.792	165	466938	30.393	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.062	232	387318	30.074	ng/ul#	95
59) Diethylphthalate	15.257	149	1613832	27.693	ng/ul	98
61) Fluorene	15.480	166	1580272	25.886	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.480	204	767709	26.613	ng/ul	96
63) 4-Nitroaniline	15.498	138	381323	31.715	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.557	198	276744	27.525	ng/ul#	88
67) N-Nitrosodiphenylamine	15.692	169	1310933	27.132	ng/ul	99
68) 4-Bromophenyl-phenylether	16.368	248	462360	28.928	ng/ul	97
69) Hexachlorobenzene	16.486	284	541689	29.123	ng/ul	95
70) Atrazine	16.639	200	367336	22.839	ng/ul	97
71) Pentachlorophenol	16.827	266	325221	27.498	ng/ul	98
72) Phenanthrene	17.215	178	2408256	26.485	ng/ul	99
74) Anthracene	17.309	178	2413164	26.020	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.233	216	663987	25.864	ng/ul	99
76) Pentachlorobenzene	14.757	250	635594	25.364	ng/ul	98
77) Carbazole	17.574	167	2248384	26.746	ng/ul	98
78) Di-n-butylphthalate	18.139	149	2848406	30.436	ng/ul	99
80) Fluoranthene	19.227	202	2761306	29.332	ng/ul	98
82) Pyrene	19.592	202	2943109	28.089	ng/ul	95
83) Butylbenzylphthalate	20.480	149	1244714	33.603	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.303	252	855238	28.739	ng/ul	99
85) Benzo(a)anthracene	21.380	228	2756310	27.952	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.303	149	1838516	33.058	ng/ul	98
87) Chrysene	21.444	228	2596916	27.014	ng/ul	99
89) Di-n-octyl phthalate	22.438	149	3167015	31.273	ng/ul	100
90) Benzo(b)fluoranthene	23.450	252	2704485	27.621	ng/ul	99
91) Benzo(k)fluoranthene	23.515	252	2738433	27.352	ng/ul	99
93) Benzo(a)pyrene	24.262	252	2473221	26.597	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.785	276	3240271	27.191	ng/ul	99
95) Dibenzo(a,h)anthracene	27.838	278	2655408	27.190	ng/ul	97
96) Benzo(g,h,i)perylene	28.844	276	2524186	27.035	ng/ul	96

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

