

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092724\
 Data File : BM047683.D
 Acq On : 27 Sep 2024 20:54
 Operator : RC/JU
 Sample : SSTD08040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD080024

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/01/2024

Supervised By :mohammad ahmed 10/01/2024

10/01/2024

Supervised By :mohammad
ahmed

10/01/2024

Quant Time: Sep 28 02:22:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 28 01:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	183980	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	768022	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	457663	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	897545	20.000	ng/u1	0.00
79) Chrysene-d12	21.415	240	862411	20.000	ng/u1	0.00
88) Perylene-d12	24.421	264	921382	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	165238	36.221	ng/uL	0.00
4) Pyridine-d5	3.675	84	1321983	90.705	ng/u1	0.00
7) Phenol-d5	6.981	99	1460917	84.712	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	1001008	93.250	ng/u1	0.00
11) 2-Chlorophenol-d4	7.351	132	1111490	84.624	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	1102641	81.343	ng/u1	0.01
21) Nitrobenzene-d5	8.975	128	548327	92.449	ng/u1	0.00
24) 2-Nitrophenol-d4	9.692	143	573583	102.367	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	1047545	91.944	ng/u1	0.00
31) 4-Chloroaniline-d4	10.745	131	1532836	82.205	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	2790937	82.968	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	3380513	83.281	ng/u1	0.00
54) 4-Nitrophenol-d4	14.651	143	588909	88.359	ng/u1	0.02
60) Fluorene-d10	15.445	176	2443504	84.061	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	480181	101.200	ng/u1	0.00
73) Anthracene-d10	17.286	188	3757081	86.928	ng/u1	0.00
81) Pyrene-d10	19.574	212	4251168	84.580	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.221	264	4202922	85.840	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	183252	37.220	ng/uL	99
5) Pyridine	3.693	79	1371373	91.131	ng/u1	98
6) Benzaldehyde	6.957	77	606248	66.416	ng/u1	99
8) Phenol	7.010	94	1543850	86.960	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.240	93	1199255	85.422	ng/u1	99
12) 2-Chlorophenol	7.381	128	1155581	84.948	ng/u1	98
13) 2-Methylphenol	8.257	108	1099458	82.271	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.340	45	2253817	109.545	ng/u1	99
16) Acetophenone	8.640	105	1862066	85.360	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.640	70	1036780	89.555	ng/u1	99
18) 4-Methylphenol	8.593	108	1226379	84.049	ng/u1	100
19) Hexachloroethane	8.898	117	490998	84.002	ng/u1	99
22) Nitrobenzene	9.016	77	1470492	99.216	ng/u1	98
23) Isophorone	9.551	82	2705541	91.539	ng/u1	99
25) 2-Nitrophenol	9.728	139	627094	96.803	ng/u1	97
26) 2,4-Dimethylphenol	9.787	107	1257095	90.217	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.022	93	1581422	88.422	ng/u1	98
29) 2,4-Dichlorophenol	10.263	162	1058536	91.640	ng/u1	100
30) Naphthalene	10.663	128	3614304	85.417	ng/u1	99
32) 4-Chloroaniline	10.769	127	1495323	81.512	ng/u1	99
33) Hexachlorobutadiene	10.957	225	644880	93.604	ng/u1	99
34) Caprolactam	11.557	113	332362m	74.706	ng/u1	
35) 4-Chloro-3-methylphenol	11.898	107	1150682	88.465	ng/u1	99
36) 2-Methylnaphthalene	12.275	142	2421054	83.238	ng/u1	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	2444023	83.167	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.645	216	1232998	90.749	ng/ul	98
40) Hexachlorocyclopentadiene	12.628	237	739836	79.203	ng/ul	99
41) 2,4,6-Trichlorophenol	12.880	196	782706	93.884	ng/ul	97
42) 2,4,5-Trichlorophenol	12.951	196	846295	93.394	ng/ul	97
43) 1,1'-Biphenyl	13.286	154	3020318	83.723	ng/ul	98
44) 2-Chloronaphthalene	13.328	162	2347111	84.839	ng/ul	98
45) 2-Nitroaniline	13.527	65	861682	107.062	ng/ul	97
47) Dimethylphthalate	13.910	163	2814837	82.382	ng/ul	99
48) 2,6-Dinitrotoluene	14.027	165	573652	92.005	ng/ul	92
50) Acenaphthylene	14.175	152	3729233	84.990	ng/ul	100
51) 3-Nitroaniline	14.351	138	601632	82.647	ng/ul	96
52) Acenaphthene	14.516	153	2594080	83.215	ng/ul	98
53) 2,4-Dinitrophenol	14.557	184	340457	99.234	ng/ul	87
55) 4-Nitrophenol	14.663	109	484700	86.381	ng/ul	99
56) Dibenzofuran	14.851	168	3426234	84.561	ng/ul	99
57) 2,4-Dinitrotoluene	14.810	165	840614	93.622	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.074	232	673524	96.592	ng/ul#	100
59) Diethylphthalate	15.274	149	2864627	79.241	ng/ul	99
61) Fluorene	15.498	166	2882965	81.530	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	1389333	84.848	ng/ul	98
63) 4-Nitroaniline	15.516	138	532878	73.976	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.574	198	517624	96.512	ng/ul#	94
67) N-Nitrosodiphenylamine	15.704	169	2309989	82.790	ng/ul	100
68) 4-Bromophenyl-phenylether	16.380	248	783828	84.410	ng/ul	97
69) Hexachlorobenzene	16.498	284	910995	85.860	ng/ul	99
70) Atrazine	16.657	200	808685	82.505	ng/ul	97
71) Pentachlorophenol	16.839	266	609048	91.213	ng/ul	98
72) Phenanthrene	17.233	178	4319386	84.357	ng/ul	99
74) Anthracene	17.321	178	4421970	85.290	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.251	216	1202878	92.160	ng/uL	99
76) Pentachlorobenzene	14.774	250	1162329	90.167	ng/uL	98
77) Carbazole	17.586	167	3991588	84.206	ng/ul	100
78) Di-n-butylphthalate	18.157	149	4944314	80.902	ng/ul	99
80) Fluoranthene	19.239	202	4889155	82.530	ng/ul	99
82) Pyrene	19.604	202	5336025	84.509	ng/ul	98
83) Butylbenzylphthalate	20.498	149	2221046	77.056	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.315	252	1570456	77.021	ng/ul	100
85) Benzo(a)anthracene	21.398	228	5038647	81.790	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.321	149	3281083	75.068	ng/ul	98
87) Chrysene	21.456	228	4757437	83.705	ng/ul	98
89) Di-n-octyl phthalate	22.456	149	5459671	74.174	ng/ul	100
90) Benzo(b)fluoranthene	23.474	252	4869187	82.326	ng/ul	99
91) Benzo(k)fluoranthene	23.539	252	5030677	86.599	ng/ul	99
93) Benzo(a)pyrene	24.291	252	4688479	86.289	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.832	276	6015972	90.283	ng/ul	99
95) Dibenzo(a,h)anthracene	27.897	278	5012942	92.394	ng/ul	98
96) Benzo(g,h,i)perylene	28.897	276	4640469	91.166	ng/ul	99

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

