Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047711.D
Acq On : 30 Sep 2024 10:40
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 30 11:50:06 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

Instrument :
BNA_M
ClientSampleId :
SSTD020150

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	217568	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	902804	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	548029	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	1053787	20.000	ng/ul	0.00
79) Chrysene-d12	21.404	240	1000417	20.000	ng/ul	0.00
88) Perylene-d12	24.415	264	1077269	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	48171	7.155	ng/uL	0.00
4) Pyridine-d5	3.670	84	354437	17.980	ng/ul	0.00
7) Phenol-d5	6.975	99	388145	18.867	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	254260	17.416	ng/ul	0.00
11) 2-Chlorophenol-d4	7.346	132	311290	20.797	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	291765	19.074	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	144714	20.132	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	142330	20.662	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	283689	20.616	ng/ul	0.00
31) 4-Chloroaniline-d4	10.734	131	412213	19.376	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	784148	19.736	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	948184	20.127	ng/ul	0.00
54) 4-Nitrophenol-d4	14.634	143	155320	19.634	ng/ul	0.00
60) Fluorene-d10	15.433	176	674108	19.587	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	111990	18.161	ng/ul	0.00
73) Anthracene-d10	17.280	188	1029632	19.871	ng/ul	0.00
81) Pyrene-d10	19.569	212	1130790	19.916	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.209	264	1131405	20.242	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	50958	6.930	ng/uL	91
5) Pyridine	3.693	79	362177	17.452	ng/ul	90
6) Benzaldehyde	6.952	77	253689	22.674	ng/ul	93
8) Phenol	7.005	94	408845	18.677	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.234	93	327652	18.784	ng/ul	93
12) 2-Chlorophenol	7.375	128	323987	20.431	ng/ul	95
13) 2-Methylphenol	8.252	108	289405	18.960	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.334	45	516638	15.734	ng/ul	95
16) Acetophenone	8.628	105	496498	18.970	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.616	70	252806	18.237	ng/ul	91
18) 4-Methylphenol	8.581	108	324504	18.918	ng/ul	97
19) Hexachloroethane	8.893	117	142705	20.021	ng/ul	99
22) Nitrobenzene	9.004	77	368748	18.059	ng/ul	96
23) Isophorone	9.540	82	685899	18.778	ng/ul	96
25) 2-Nitrophenol	9.716	139	162278	20.592	ng/ul	95
26) 2,4-Dimethylphenol	9.781	107	329233	19.498	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.016	93	424041	18.980	ng/ul	96
29) 2,4-Dichlorophenol	10.251	162	290952	20.477	ng/ul	99
30) Naphthalene	10.657	128	1014564	19.537	ng/ul	99
32) 4-Chloroaniline	10.757	127	409774	19.562	ng/ul	99
33) Hexachlorobutadiene	10.951	225	180816	19.260	ng/ul	98
34) Caprolactam	11.528	113	91424m	20.119	ng/ul	
35) 4-Chloro-3-methylphenol	11.887	107	305729	20.786	ng/ul	96
36) 2-Methylnaphthalene	12.269	142	675336	20.467	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	678237	20.204	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.640	216	340991	19.114	ng/ul	97
40) Hexachlorocyclopentadiene	12.622	237	199773	18.514	ng/ul	97
41) 2,4,6-Trichlorophenol	12.875	196	215696	20.897	ng/ul	99
42) 2,4,5-Trichlorophenol	12.945	196	233990	20.730	ng/ul	97
43) 1,1'-Biphenyl	13.281	154	866971	19.759	ng/ul	98
44) 2-Chloronaphthalene	13.322	162	668867	19.710	ng/ul	96
45) 2-Nitroaniline	13.516	65	194373	18.043	ng/ul	89
47) Dimethylphthalate	13.898	163	797772	19.826	ng/ul	99
48) 2,6-Dinitrotoluene	14.016	165	148262	20.980	ng/ul	89
50) Acenaphthylene	14.169	152	1058218	19.918	ng/ul	98
51) 3-Nitroaniline	14.339	138	173364	20.270	ng/ul	95
52) Acenaphthene	14.510	153	731976	19.491	ng/ul	98
53) 2,4-Dinitrophenol	14.545	184	94595m	21.663	ng/ul	
55) 4-Nitrophenol	14.645	109	124000	18.669	ng/ul	95
56) Dibenzofuran	14.845	168	995691	19.696	ng/ul	97
57) 2,4-Dinitrotoluene	14.798	165	225260	21.223	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.069	232	184999	20.793	ng/ul	98
59) Diethylphthalate	15.263	149	797077	19.798	ng/ul	99
61) Fluorene	15.492	166	826148	19.588	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	383029	19.220	ng/ul	98
63) 4-Nitroaniline	15.498	138	180650	21.748	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.563	198	128976	18.875	ng/ul#	90
67) N-Nitrosodiphenylamine	15.698	169	660976	20.129	ng/ul	99
68) 4-Bromophenyl-phenylether	16.380	248	218872	20.150	ng/ul	96
69) Hexachlorobenzene	16.492	284	249001	19.698	ng/ul	98
70) Atrazine	16.645	200	217727	19.918	ng/ul	96
71) Pentachlorophenol	16.833	266	154636	19.238	ng/ul	100
72) Phenanthrene	17.222	178	1230317	19.909	ng/ul	99
74) Anthracene	17.316	178	1260982	20.006	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	335498	19.229	ng/uL	99
76) Pentachlorobenzene	14.763	250	328102	19.265	ng/uL	97
77) Carbazole	17.580	167	1145387	20.048	ng/ul	99
78) Di-n-butylphthalate	18.151	149	1294207	20.348	ng/ul	99
80) Fluoranthene	19.233	202	1340994	20.053	ng/ul	99
82) Pyrene	19.592	202	1489553	20.013	ng/ul	99
83) Butylbenzylphthalate	20.492	149	538392	20.461	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.310	252	409128	19.354	ng/ul	99
85) Benzo(a)anthracene	21.392	228	1397827	19.956	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.315	149	805849	20.398	ng/ul	99
87) Chrysene	21.451	228	1342703	19.663	ng/ul	99
89) Di-n-octyl phthalate	22.451	149	1280406	18.427	ng/ul	100
90) Benzo(b)fluoranthene	23.462	252	1320539	19.656	ng/ul	99
91) Benzo(k)fluoranthene	23.527	252	1393795	20.290	ng/ul	99
93) Benzo(a)pyrene	24.274	252	1262075	19.781	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.809	276	1639395	20.050	ng/ul	98
95) Dibenzo(a,h)anthracene	27.856	278	1336944	19.952	ng/ul	98
96) Benzo(g,h,i)perylene	28.856	276	1288355	20.111	ng/ul	97

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

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