Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047804.D
Acq On : 03 Oct 2024 12:05
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 03 13:11:34 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 :
SSTD020159

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 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	222870	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.598	136	880060	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.439	164	553743	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.174	188	1140161	20.000	ng/ul	-0.01
79) Chrysene-d12	21.403	240	1120594	20.000	ng/ul	0.00
88) Perylene-d12	24.403	264	1277697	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	45726	6.630	ng/uL	0.00
4) Pyridine-d5	3.669	84	311009	15.402	ng/ul	0.00
7) Phenol-d5	6.969	99	343773	16.312	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	217758	14.561	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.334	132	291372	19.003	ng/ul	-0.01
15) 4-Methylphenol-d8	8.510	113	272410	17.385	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	136778	19.520	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.681	143	145138	21.614	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.216	165	275487	20.537	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.728	131	383628	18.499	ng/ul	-0.01
46) Dimethylphthalate-d6	13.845	166	776967	19.353	ng/ul	-0.01
49) Acenaphthylene-d8	14.127	160	894708	18.796	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.627	143	147925	18.506	ng/ul	0.00
60) Fluorene-d10	15.427	176	669013	19.239	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.539	200	121395	18.194	ng/ul	-0.01
73) Anthracene-d10	17.274	188	1036321	18.485	ng/ul	-0.01
81) Pyrene-d10	19.562	212	1203470	18.923	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.203	264	1236819	18.657	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	49062	6.513	ng/uL	86
5) Pyridine	3.687	79	323441	15.215	ng/ul	91
6) Benzaldehyde	6.940	77	150515	13.133	ng/ul	92
8) Phenol	6.993	94	351942	15.695	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.222	93	291520	16.315	ng/ul	93
12) 2-Chlorophenol	7.369	128	297580	18.320	ng/ul	92
13) 2-Methylphenol	8.245	108	266107	17.019	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	437596	13.010	ng/ul#	95
16) Acetophenone	8.622	105	436862	16.294	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.610	70	218577	15.392	ng/ul#	89
18) 4-Methylphenol	8.569	108	286392	16.299	ng/ul	98
19) Hexachloroethane	8.887	117	131398	17.996	ng/ul	88
22) Nitrobenzene	8.998	77	321555	16.154	ng/ul	92
23) Isophorone	9.528	82	617764	17.350	ng/ul	95
25) 2-Nitrophenol	9.710	139	154540	20.117	ng/ul	91
26) 2,4-Dimethylphenol	9.775	107	297233	18.058	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.004	93	384762	17.667	ng/ul	98
29) 2,4-Dichlorophenol	10.245	162	272614	19.682	ng/ul	97
30) Naphthalene	10.645	128	935690	18.484	ng/ul	99
32) 4-Chloroaniline	10.751	127	369411	18.091	ng/ul	98
33) Hexachlorobutadiene	10.939	225	181008	19.779	ng/ul	98
34) Caprolactam	11.522	113	84888m	19.163	ng/ul	
35) 4-Chloro-3-methylphenol	11.881	107	270944	18.897	ng/ul	95
36) 2-Methylnaphthalene	12.257	142	613425	19.072	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	632559	19.330	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.628	216	330461	18.333	ng/ul	96
40) Hexachlorocyclopentadiene	12.610	237	198309	18.189	ng/ul	99
41) 2,4,6-Trichlorophenol	12.869	196	211740	20.302	ng/ul	100
42) 2,4,5-Trichlorophenol	12.939	196	225367	19.760	ng/ul	97
43) 1,1'-Biphenyl	13.269	154	802779	18.107	ng/ul#	98
44) 2-Chloronaphthalene	13.310	162	628356	18.325	ng/ul	97
45) 2-Nitroaniline	13.510	65	170854	15.696	ng/ul#	80
47) Dimethylphthalate	13.892	163	784407	19.293	ng/ul	98
48) 2,6-Dinitrotoluene	14.010	165	147949	20.720	ng/ul#	83
50) Acenaphthylene	14.157	152	1040112	19.376	ng/ul	99
51) 3-Nitroaniline	14.333	138	144717	16.746	ng/ul	88
52) Acenaphthene	14.504	153	680478	17.932	ng/ul	98
53) 2,4-Dinitrophenol	14.539	184	76258	17.283	ng/ul#	78
55) 4-Nitrophenol	14.645	109	111788	16.657	ng/ul	89
56) Dibenzofuran	14.833	168	935781	18.320	ng/ul	98
57) 2,4-Dinitrotoluene	14.792	165	215218	20.068	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.063	232	194793	21.668	ng/ul#	96
59) Diethylphthalate	15.257	149	792256	19.475	ng/ul	99
61) Fluorene	15.486	166	781216	18.332	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.480	204	383125	19.026	ng/ul	95
63) 4-Nitroaniline	15.492	138	139589	16.631	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.557	198	132547	17.928	ng/ul#	87
67) N-Nitrosodiphenylamine	15.692	169	639379	17.996	ng/ul	99
68) 4-Bromophenyl-phenylether	16.369	248	233914	19.903	ng/ul	96
69) Hexachlorobenzene	16.486	284	273951	20.030	ng/ul	93
70) Atrazine	16.639	200	202136	17.091	ng/ul	98
71) Pentachlorophenol	16.827	266	171253	19.692	ng/ul	99
72) Phenanthrene	17.215	178	1226133	18.338	ng/ul	99
74) Anthracene	17.310	178	1247067	18.286	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.233	216	321632	17.038	ng/uL	98
76) Pentachlorobenzene	14.757	250	323738	17.569	ng/uL	98
77) Carbazole	17.574	167	1119603	18.113	ng/ul	98
78) Di-n-butylphthalate	18.139	149	1390706	20.209	ng/ul	98
80) Fluoranthene	19.227	202	1407603	18.792	ng/ul	99
82) Pyrene	19.592	202	1515009	18.172	ng/ul	95
83) Butylbenzylphthalate	20.486	149	617049	20.936	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.303	252	447129	18.883	ng/ul	100
85) Benzo(a)anthracene	21.386	228	1501905	19.142	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.309	149	937285	21.181	ng/ul	97
87) Chrysene	21.445	228	1412986	18.473	ng/ul	98
89) Di-n-octyl phthalate	22.445	149	1571978	19.074	ng/ul	100
90) Benzo(b)fluoranthene	23.456	252	1481389	18.592	ng/ul	98
91) Benzo(k)fluoranthene	23.521	252	1520197	18.659	ng/ul	99
93) Benzo(a)pyrene	24.268	252	1438993	19.016	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.785	276	1757184	18.120	ng/ul	98
95) Dibenzo(a,h)anthracene	27.850	278	1464524	18.428	ng/ul	97
96) Benzo(g,h,i)perylene	28.844	276	1428655	18.803	ng/ul	96

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

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