Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080324\
Data File : BM046969.D
Acq On : 03 Aug 2024 18:09
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020125

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 05 01:25:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 03 02:51:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.398	152	188809	20.000	ng/ul	0.00
20) Naphthalene-d8	10.157	136	723184	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.057	164	473916	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.815	188	988215	20.000	ng/ul	0.00
79) Chrysene-d12	21.050	240	895563	20.000	ng/ul	0.00
88) Perylene-d12	23.768	264	1064237	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	37283	7.823	ng/uL	0.00
4) Pyridine-d5	3.410	84	262824	20.218	ng/ul	0.00
7) Phenol-d5	6.604	99	303866	21.186	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.757	67	198042	20.985	ng/ul	0.00
11) 2-Chlorophenol-d4	6.945	132	249396	20.527	ng/ul	0.00
15) 4-Methylphenol-d8	8.122	113	239070	21.041	ng/ul	0.00
21) Nitrobenzene-d5	8.545	128	119755	20.636	ng/ul	0.00
24) 2-Nitrophenol-d4	9.257	143	132133	20.850	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.792	165	252082	20.718	ng/ul	0.00
31) 4-Chloroaniline-d4	10.304	131	330940	20.695	ng/ul	0.00
46) Dimethylphthalate-d6	13.486	166	734919	20.281	ng/ul	0.00
49) Acenaphthylene-d8	13.745	160	834734	20.637	ng/ul	0.00
54) 4-Nitrophenol-d4	14.298	143	139077	19.850	ng/ul	0.00
60) Fluorene-d10	15.063	176	613838	19.803	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.198	200	121747	19.500	ng/ul	0.00
73) Anthracene-d10	16.915	188	958607	20.462	ng/ul	0.00
81) Pyrene-d10	19.227	212	1086545	21.194	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.580	264	1160096	20.701	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.052	88	38602	7.279	ng/uL	97
5) Pyridine	3.428	79	264622	20.561	ng/ul	94
6) Benzaldehyde	6.557	77	186531	22.642	ng/ul	98
8) Phenol	6.628	94	310768	21.515	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.845	93	257897	20.947	ng/ul	96
12) 2-Chlorophenol	6.975	128	254068	20.641	ng/ul	98
13) 2-Methylphenol	7.857	108	229322	20.841	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	7.922	45	330609	22.409	ng/ul	99
16) Acetophenone	8.216	105	378357	21.157	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.210	70	198530	21.052	ng/ul#	99
18) 4-Methylphenol	8.181	108	252223	21.216	ng/ul	94
19) Hexachloroethane	8.457	117	116413	19.416	ng/ul	91
22) Nitrobenzene	8.586	77	310538	20.029	ng/ul	94
23) Isophorone	9.116	82	551580	20.792	ng/ul	100
25) 2-Nitrophenol	9.286	139	145432	20.978	ng/ul	94
26) 2,4-Dimethylphenol	9.369	107	272468	19.939	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.598	93	338545	20.701	ng/ul	99
29) 2,4-Dichlorophenol	9.822	162	251768	20.747	ng/ul	98
30) Naphthalene	10.204	128	782798	20.444	ng/ul	99
32) 4-Chloroaniline	10.328	127	324028	20.866	ng/ul	99
33) Hexachlorobutadiene	10.498	225	164351	18.772	ng/ul	98
34) Caprolactam	11.110	113	76307m	20.764	ng/ul	
35) 4-Chloro-3-methylphenol	11.475	107	260594	20.825	ng/ul	100
36) 2-Methylnaphthalene	11.833	142	553789	20.713	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.057	142	558826	20.647	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.216	216	295794	19.901	ng/ul	99
40) Hexachlorocyclopentadiene	12.192	237	172644	17.633	ng/ul	98
41) 2,4,6-Trichlorophenol	12.469	196	200538	20.614	ng/ul	99
42) 2,4,5-Trichlorophenol	12.545	196	219920	20.937	ng/ul	99
43) 1,1'-Biphenyl	12.880	154	725397	20.460	ng/ul	97
44) 2-Chloronaphthalene	12.910	162	579849	20.594	ng/ul	100
45) 2-Nitroaniline	13.133	65	175015	20.455	ng/ul	98
47) Dimethylphthalate	13.533	163	724787	19.933	ng/ul	99
48) 2,6-Dinitrotoluene	13.651	165	146163	20.678	ng/ul	88
50) Acenaphthylene	13.774	152	880375	20.609	ng/ul	99
51) 3-Nitroaniline	13.974	138	147862	20.540	ng/ul	97
52) Acenaphthene	14.121	153	620335	20.143	ng/ul	99
53) 2,4-Dinitrophenol	14.192	184	87919	17.628	ng/ul	93
55) 4-Nitrophenol	14.310	109	126693	17.867	ng/ul	90
56) Dibenzofuran	14.463	168	869922	20.127	ng/ul	95
57) 2,4-Dinitrotoluene	14.445	165	220432	20.407	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.698	232	183150	19.614	ng/ul	98
59) Diethylphthalate	14.915	149	758261	19.385	ng/ul	98
61) Fluorene	15.115	166	702242	19.698	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.121	204	336757	19.189	ng/ul	97
63) 4-Nitroaniline	15.151	138	151911	21.354	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.215	198	137154	20.076	ng/ul	94
67) N-Nitrosodiphenylamine	15.339	169	609004	20.791	ng/ul	99
68) 4-Bromophenyl-phenylether	16.021	248	218520	20.430	ng/ul	94
69) Hexachlorobenzene	16.121	284	254162	20.180	ng/ul	98
70) Atrazine	16.315	200	232454	20.227	ng/ul	96
71) Pentachlorophenol	16.474	266	165593	19.419	ng/ul	100
72) Phenanthrene	16.857	178	1130046	20.400	ng/ul	99
74) Anthracene	16.951	178	1138850	20.386	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.833	216	300937	21.165	ng/uL	97
76) Pentachlorobenzene	14.380	250	296508	20.147	ng/uL	99
77) Carbazole	17.227	167	1078607	20.826	ng/ul	99
78) Di-n-butylphthalate	17.815	149	1323077	20.090	ng/ul	99
80) Fluoranthene	18.892	202	1308140	21.351	ng/ul	99
82) Pyrene	19.256	202	1371146	21.003	ng/ul	98
83) Butylbenzylphthalate	20.197	149	607147	21.278	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.974	252	441116	20.092	ng/ul	99
85) Benzo(a)anthracene	21.033	228	1319879	20.180	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.997	149	889372	21.351	ng/ul	99
87) Chrysene	21.092	228	1252832	20.084	ng/ul	100
89) Di-n-octyl phthalate	22.039	149	1534349	20.436	ng/ul	100
90) Benzo(b)fluoranthene	22.921	252	1366873	20.764	ng/ul	100
91) Benzo(k)fluoranthene	22.974	252	1351773	20.779	ng/ul	98
93) Benzo(a)pyrene	23.638	252	1258730	20.524	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.779	276	1562437	19.884	ng/ul	100
95) Dibenzo(a,h)anthracene	26.826	278	1258264	19.936	ng/ul	99
96) Benzo(g,h,i)perylene	27.715	276	1220067	19.652	ng/ul	99

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

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