Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110724\
Data File : BM048512.D
Acq On : 07 Nov 2024 15:07
Operator : RC/JU
Sample : SSTD00554
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD005041

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 07 22:31:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 07 22:15:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	128238	20.000	ng/ul	0.00
20) Naphthalene-d8	10.451	136	510138	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	305786	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188	603038	20.000	ng/ul	0.00
79) Chrysene-d12	21.286	240	585027	20.000	ng/ul	0.00
88) Perylene-d12	24.198	264	709490	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	6215	1.908	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.205	132	35950	4.013	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.828	128	16193	3.872	ng/ul	0.00
24) 2-Nitrophenol-d4	9.546	143	15939	3.518	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	31789	3.845	ng/ul	0.01
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.728	166	90594	3.964	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	103361	4.012	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.310	176	79484	4.116	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.157	188	118150	4.143	ng/ul	0.00
81) Pyrene-d10	19.457	212	135184	3.808	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.998	264	148286	3.963	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	7064	2.051	ng/uL	93
12) 2-Chlorophenol	7.234	128	37762	4.105	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.475	70	25065	3.508	ng/ul	97
19) Hexachloroethane	8.740	117	16796	4.332	ng/ul	96
22) Nitrobenzene	8.869	77	36602	3.766	ng/ul	100
23) Isophorone	9.393	82	69961	3.715	ng/ul	99
25) 2-Nitrophenol	9.581	139	17393	3.502	ng/ul	93
26) 2,4-Dimethylphenol	9.646	107	36373	3.989	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.875	93	42337	3.624	ng/ul	98
29) 2,4-Dichlorophenol	10.122	162	32665	3.861	ng/ul	98
30) Naphthalene	10.504	128	126312	4.433	ng/ul	99
33) Hexachlorobutadiene	10.787	225	24086	4.272	ng/ul	94
35) 4-Chloro-3-methylphenol	11.763	107	30583	3.593	ng/ul	94
36) 2-Methylnaphthalene	12.122	142	77349	4.027	ng/ul	94
37) 1-Methylnaphthalene	12.345	142	80585	4.136	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.498	216	40807	4.215	ng/ul	95
41) 2,4,6-Trichlorophenol	12.751	196	24217	3.875	ng/ul	99
42) 2,4,5-Trichlorophenol	12.834	196	25005	3.789	ng/ul	94
43) 1,1'-Biphenyl	13.145	154	97984	4.178	ng/ul	97
44) 2-Chloronaphthalene	13.187	162	77816	4.282	ng/ul	98
45) 2-Nitroaniline	13.410	65	15412	3.064	ng/ul	92
47) Dimethylphthalate	13.775	163	91550	3.995	ng/ul	99
48) 2,6-Dinitrotoluene	13.898	165	14516	3.257	ng/ul	90
50) Acenaphthylene	14.034	152	116920	4.154	ng/ul	99

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52) Acenaphthene	14.381	153	85444	4.278	ng/ul	98
56) Dibenzofuran	14.716	168	116357	4.235	ng/ul	96
57) 2,4-Dinitrotoluene	14.698	165	20261	3.110	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	14.951	232	21115	3.731	ng/ul#	96
59) Diethylphthalate	15.145	149	87424	3.792	ng/ul	100
61) Fluorene	15.363	166	93629	4.279	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.363	204	46207	4.207	ng/ul	97
67) N-Nitrosodiphenylamine	15.581	169	71708	3.983	ng/ul	98
68) 4-Bromophenyl-phenylether	16.251	248	26571	4.039	ng/ul	92
69) Hexachlorobenzene	16.369	284	32702	4.154	ng/ul	97
72) Phenanthrene	17.104	178	143116	4.286	ng/ul	100
74) Anthracene	17.192	178	139592	4.177	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.110	216	42279	4.430	ng/uL	98
76) Pentachlorobenzene	14.639	250	40962	4.218	ng/uL	97
78) Di-n-butylphthalate	18.033	149	135610	3.516	ng/ul	100
80) Fluoranthene	19.122	202	158235	3.831	ng/ul	98
82) Pyrene	19.486	202	175896	3.971	ng/ul	100
83) Butylbenzylphthalate	20.386	149	57855	3.161	ng/ul	98
85) Benzo(a)anthracene	21.268	228	172600	4.091	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	86282	3.271	ng/ul	98
87) Chrysene	21.327	228	170947	4.309	ng/ul	98
90) Benzo(b)fluoranthene	23.280	252	180517	3.987	ng/ul	98
91) Benzo(k)fluoranthene	23.339	252	176559	3.895	ng/ul	98
93) Benzo(a)pyrene	24.062	252	165743	4.024	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.468	276	216549m	4.365	ng/ul	
95) Dibenzo(a,h)anthracene	27.521	278	177577m	4.377	ng/ul	
96) Benzo(g,h,i)perylene	28.497	276	171786m	4.513	ng/ul	

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

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