Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100224\
Data File : BM047802.D
Acq On : 03 Oct 2024 08:23
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020158

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 03 13:00:26 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	253031	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.598	136	1072274	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.439	164	691678	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.174	188	1461610	20.000	ng/ul	-0.01
79) Chrysene-d12	21.403	240	1447574	20.000	ng/ul	0.00
88) Perylene-d12	24.403	264	1637943	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	50669	6.471	ng/uL	0.00
4) Pyridine-d5	3.669	84	375378	16.374	ng/ul	0.00
7) Phenol-d5	6.969	99	415931	17.384	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	254103	14.966	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.339	132	353368	20.299	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	330824	18.597	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	168548	19.742	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.680	143	178217	21.783	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.222	165	338668	20.722	ng/ul	0.00
31) 4-Chloroaniline-d4	10.727	131	475479	18.818	ng/ul	-0.01
46) Dimethylphthalate-d6	13.845	166	948013	18.905	ng/ul	-0.01
49) Acenaphthylene-d8	14.133	160	1118815	18.817	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	185033	18.532	ng/ul	0.00
60) Fluorene-d10	15.427	176	829511	19.097	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.539	200	139558	16.317	ng/ul	-0.01
73) Anthracene-d10	17.274	188	1320619	18.375	ng/ul	-0.01
81) Pyrene-d10	19.562	212	1558764	18.973	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.203	264	1597983	18.803	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	55094	6.442	ng/uL#	87
5) Pyridine	3.687	79	382237	15.837	ng/ul	89
6) Benzaldehyde	6.945	77	185537	14.259	ng/ul	91
8) Phenol	6.998	94	429618	16.875	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.228	93	339979	16.759	ng/ul	92
12) 2-Chlorophenol	7.369	128	351509	19.060	ng/ul	93
13) 2-Methylphenol	8.245	108	320857	18.074	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.328	45	508886	13.326	ng/ul#	94
16) Acetophenone	8.622	105	528818	17.373	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.610	70	264559	16.410	ng/ul#	89
18) 4-Methylphenol	8.575	108	356774	17.884	ng/ul	97
19) Hexachloroethane	8.886	117	150065	18.103	ng/ul	87
22) Nitrobenzene	8.998	77	395539	16.309	ng/ul	91
23) Isophorone	9.528	82	747173	17.222	ng/ul	96
25) 2-Nitrophenol	9.710	139	191542	20.464	ng/ul	88
26) 2,4-Dimethylphenol	9.775	107	365979	18.248	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.010	93	450374	16.973	ng/ul	98
29) 2,4-Dichlorophenol	10.245	162	336488	19.939	ng/ul	97
30) Naphthalene	10.645	128	1140081	18.484	ng/ul	99
32) 4-Chloroaniline	10.751	127	461315	18.542	ng/ul	100
33) Hexachlorobutadiene	10.939	225	211141	18.936	ng/ul	98
34) Caprolactam	11.522	113	108438m	20.091	ng/ul	
35) 4-Chloro-3-methylphenol	11.880	107	346531	19.836	ng/ul	95
36) 2-Methylnaphthalene	12.257	142	757830	19.338	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	779250	19.544	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.627	216	403603	17.925	ng/ul	96
40) Hexachlorocyclopentadiene	12.616	237	219038	16.084	ng/ul	99
41) 2,4,6-Trichlorophenol	12.869	196	266391	20.448	ng/ul	99
42) 2,4,5-Trichlorophenol	12.939	196	282787	19.850	ng/ul	97
43) 1,1'-Biphenyl	13.274	154	970513	17.525	ng/ul#	97
44) 2-Chloronaphthalene	13.316	162	781186	18.239	ng/ul	97
45) 2-Nitroaniline	13.510	65	217991	16.033	ng/ul#	83
47) Dimethylphthalate	13.892	163	957244	18.849	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	187785	21.054	ng/ul#	84
50) Acenaphthylene	14.163	152	1290049	19.239	ng/ul	98
51) 3-Nitroaniline	14.339	138	189817	17.584	ng/ul	90
52) Acenaphthene	14.504	153	854946	18.037	ng/ul	97
53) 2,4-Dinitrophenol	14.539	184	79714	14.464	ng/ul#	79
55) 4-Nitrophenol	14.645	109	139302	16.617	ng/ul	88
56) Dibenzofuran	14.839	168	1181511	18.518	ng/ul	97
57) 2,4-Dinitrotoluene	14.798	165	281296	20.999	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.062	232	248875	22.163	ng/ul#	97
59) Diethylphthalate	15.257	149	975422	19.196	ng/ul	98
61) Fluorene	15.486	166	975231	18.321	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.480	204	474626	18.870	ng/ul	96
63) 4-Nitroaniline	15.498	138	190027	18.126	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.557	198	151111	15.944	ng/ul#	89
67) N-Nitrosodiphenylamine	15.692	169	806014	17.697	ng/ul	99
68) 4-Bromophenyl-phenylether	16.368	248	294324	19.536	ng/ul	98
69) Hexachlorobenzene	16.486	284	347260	19.806	ng/ul	94
70) Atrazine	16.639	200	264736	17.461	ng/ul	99
71) Pentachlorophenol	16.827	266	233018	20.901	ng/ul	99
72) Phenanthrene	17.221	178	1550030	18.084	ng/ul	99
74) Anthracene	17.309	178	1584635	18.126	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.239	216	399136	16.493	ng/uL	99
76) Pentachlorobenzene	14.757	250	401516	16.998	ng/uL	99
77) Carbazole	17.574	167	1434844	18.107	ng/ul	99
78) Di-n-butylphthalate	18.145	149	1758890	19.938	ng/ul	99
80) Fluoranthene	19.227	202	1836521	18.980	ng/ul	99
82) Pyrene	19.592	202	1943335	18.045	ng/ul	95
83) Butylbenzylphthalate	20.486	149	827000	21.721	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.303	252	548353	17.927	ng/ul	99
85) Benzo(a)anthracene	21.386	228	1940278	19.143	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.309	149	1252537	21.912	ng/ul	98
87) Chrysene	21.444	228	1802886	18.246	ng/ul	98
89) Di-n-octyl phthalate	22.438	149	2181533	20.649	ng/ul	100
90) Benzo(b)fluoranthene	23.456	252	1928629	18.881	ng/ul	98
91) Benzo(k)fluoranthene	23.521	252	1935075	18.527	ng/ul	99
93) Benzo(a)pyrene	24.262	252	1823611	18.798	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.785	276	2225797	17.904	ng/ul	97
95) Dibenzo(a,h)anthracene	27.844	278	1844012	18.099	ng/ul	98
96) Benzo(g,h,i)perylene	28.838	276	1782042	18.295	ng/ul	97

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

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