Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048024.D
Acq On : 14 Oct 2024 12:16
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020178

Quant Time: Oct 14 12:51:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	204635	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	824482	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	513439	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	1065204	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1043772	20.000	ng/ul	0.00
88) Perylene-d12	24.380	264	1228810	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	40860	6.453	ng/uL	0.00
4) Pyridine-d5	3.652	84	290229	15.653	ng/ul	0.00
7) Phenol-d5	6.951	99	334498	17.287	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	198381	14.448	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	282480	20.065	ng/ul	0.00
15) 4-Methylphenol-d8	8.492	113	260538	18.109	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	132190	20.137	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	142944	22.723	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	262388	20.879	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	349065	17.967	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166	706442	18.978	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	840642	19.047	ng/ul	0.00
54) 4-Nitrophenol-d4	14.621	143	142437	19.219	ng/ul	0.00
60) Fluorene-d10	15.410	176	616404	19.117	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	117134	18.791	ng/ul	0.00
73) Anthracene-d10	17.257	188	980555	18.721	ng/ul	0.00
81) Pyrene-d10	19.545	212	1161243	19.603	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.174	264	1204708	18.896	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	45558	6.587	ng/uL#	87
5) Pyridine	3.675	79	299284	15.333	ng/ul	88
6) Benzaldehyde	6.922	77	189163	17.976	ng/ul	90
8) Phenol	6.981	94	339840	16.506	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.204	93	273922	16.697	ng/ul	90
12) 2-Chlorophenol	7.351	128	282329	18.930	ng/ul#	90
13) 2-Methylphenol	8.228	108	256867	17.892	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.304	45	399300	12.929	ng/ul#	95
16) Acetophenone	8.604	105	402306	16.343	ng/ul#	89
17) N-Nitroso-di-n-propyla...	8.587	70	202694	15.546	ng/ul#	86
18) 4-Methylphenol	8.557	108	275658	17.086	ng/ul	100
19) Hexachloroethane	8.863	117	119070	17.761	ng/ul#	83
22) Nitrobenzene	8.981	77	304965	16.354	ng/ul#	90
23) Isophorone	9.510	82	567670	17.017	ng/ul#	94
25) 2-Nitrophenol	9.687	139	151409	21.038	ng/ul#	87
26) 2,4-Dimethylphenol	9.751	107	278386	18.053	ng/ul	92
27) Bis(2-Chloroethoxy)met...	9.986	93	347812	17.047	ng/ul	97
29) 2,4-Dichlorophenol	10.228	162	258155	19.894	ng/ul	96
30) Naphthalene	10.622	128	887075	18.705	ng/ul	100
32) 4-Chloroaniline	10.733	127	336828	17.607	ng/ul	99
33) Hexachlorobutadiene	10.910	225	167357	19.520	ng/ul	99
34) Caprolactam	11.504	113	82293	19.830	ng/ul#	66
35) 4-Chloro-3-methylphenol	11.863	107	260787	19.415	ng/ul	95
36) 2-Methylnaphthalene	12.239	142	570301	18.926	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	595729	19.432	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	301417	18.034	ng/ul	94
40) Hexachlorocyclopentadiene	12.592	237	189094	18.705	ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	201524	20.839	ng/ul	99
42) 2,4,5-Trichlorophenol	12.927	196	211248	19.976	ng/ul	99
43) 1,1'-Biphenyl	13.251	154	741555	18.039	ng/ul#	96
44) 2-Chloronaphthalene	13.292	162	590748	18.581	ng/ul	97
45) 2-Nitroaniline	13.498	65	162851	16.135	ng/ul#	80
47) Dimethylphthalate	13.874	163	711610	18.876	ng/ul	99
48) 2,6-Dinitrotoluene	13.992	165	142093	21.462	ng/ul#	83
50) Acenaphthylene	14.139	152	979091	19.671	ng/ul	99
51) 3-Nitroaniline	14.322	138	151817	18.946	ng/ul	88
52) Acenaphthene	14.480	153	632017	17.963	ng/ul	99
53) 2,4-Dinitrophenol	14.533	184	83783	20.479	ng/ul#	74
55) 4-Nitrophenol	14.639	109	121557	19.534	ng/ul	85
56) Dibenzofuran	14.816	168	870138	18.372	ng/ul	97
57) 2,4-Dinitrotoluene	14.780	165	208721	20.990	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.045	232	183619	22.028	ng/ul#	95
59) Diethylphthalate	15.239	149	705365	18.700	ng/ul	98
61) Fluorene	15.468	166	720637	18.238	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.457	204	346239	18.544	ng/ul	96
63) 4-Nitroaniline	15.480	138	159069	20.440	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.545	198	128123	18.550	ng/ul#	87
67) N-Nitrosodiphenylamine	15.674	169	590167	17.780	ng/ul	99
68) 4-Bromophenyl-phenylether	16.351	248	209254	19.058	ng/ul	98
69) Hexachlorobenzene	16.468	284	255698	20.011	ng/ul	94
70) Atrazine	16.621	200	204907	18.545	ng/ul	97
71) Pentachlorophenol	16.815	266	180607	22.228	ng/ul	100
72) Phenanthrene	17.204	178	1144611	18.323	ng/ul	100
74) Anthracene	17.292	178	1181795	18.549	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.216	216	300824	17.057	ng/uL	98
76) Pentachlorobenzene	14.739	250	298375	17.332	ng/uL	98
77) Carbazole	17.562	167	1076623	18.643	ng/ul	98
78) Di-n-butylphthalate	18.121	149	1207611	18.783	ng/ul	99
80) Fluoranthene	19.209	202	1356963	19.449	ng/ul	99
82) Pyrene	19.574	202	1448307	18.651	ng/ul	96
83) Butylbenzylphthalate	20.468	149	565459	20.597	ng/ul	85
84) 3,3'-Dichlorobenzidine	21.286	252	448039	20.315	ng/ul	99
85) Benzo(a)anthracene	21.368	228	1433259	19.612	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	793756	19.258	ng/ul	97
87) Chrysene	21.427	228	1346780	18.903	ng/ul	99
89) Di-n-octyl phthalate	22.415	149	1397113	17.627	ng/ul	100
90) Benzo(b)fluoranthene	23.433	252	1459037	19.040	ng/ul	99
91) Benzo(k)fluoranthene	23.491	252	1440356	18.382	ng/ul	99
93) Benzo(a)pyrene	24.238	252	1392184	19.129	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.750	276	1729288	18.541	ng/ul	99
95) Dibenzo(a,h)anthracene	27.797	278	1448919	18.956	ng/ul	98
96) Benzo(g,h,i)perylene	28.803	276	1415253	19.367	ng/ul	98

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

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