Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033024\
Data File : BM044826.D
Acq On : 30 Mar 2024 10:50
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020083

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 04/01/2024
Supervised By :mohammad ahmed 04/02/2024

Quant Time: Mar 31 13:56:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 13:54:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	97295	20.000	ng/ul	0.00
20) Naphthalene-d8	10.445	136	409168	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	244386	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.068	188	478203	20.000	ng/ul	0.00
79) Chrysene-d12	21.268	240	446276	20.000	ng/ul	0.00
88) Perylene-d12	23.503	264	521967	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	21467	7.483	ng/uL	0.00
4) Pyridine-d5	3.634	84	143611	17.009	ng/ul	0.00
7) Phenol-d5	6.845	99	180010	17.996	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	114170	18.478	ng/ul	0.00
11) 2-Chlorophenol-d4	7.198	132	143335	19.499	ng/ul	0.00
15) 4-Methylphenol-d8	8.375	113	138611	17.644	ng/ul	0.00
21) Nitrobenzene-d5	8.828	128	70850	20.563	ng/ul	0.00
24) 2-Nitrophenol-d4	9.539	143	78597	21.161	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	132566	20.971	ng/ul	0.00
31) 4-Chloroaniline-d4	10.592	131	194063	18.484	ng/ul	0.00
46) Dimethylphthalate-d6	13.733	166	372445	19.428	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	426136	19.436	ng/ul	0.00
54) 4-Nitrophenol-d4	14.533	143	70192	17.656	ng/ul	0.00
60) Fluorene-d10	15.316	176	305468	18.961	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	59535	19.179	ng/ul	0.00
73) Anthracene-d10	17.168	188	458471	20.058	ng/ul	0.00
81) Pyrene-d10	19.468	212	517167	18.894	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.362	264	539284	19.657	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	21222	7.146	ng/uL#	89
5) Pyridine	3.652	79	150515	17.188	ng/ul#	84
6) Benzaldehyde	6.828	77	105043	24.109	ng/ul	93
8) Phenol	6.869	94	183111	17.936	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.110	93	152089	18.143	ng/ul	96
12) 2-Chlorophenol	7.234	128	146320	19.298	ng/ul	96
13) 2-Methylphenol	8.110	108	136072	17.564	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.187	45	241979	21.858	ng/ul#	93
16) Acetophenone	8.492	105	225935	18.544	ng/ul#	92
17) N-Nitroso-di-n-propyla...	8.475	70	117607	18.683	ng/ul#	83
18) 4-Methylphenol	8.440	108	144404	17.123	ng/ul	99
19) Hexachloroethane	8.722	117	67248	21.653	ng/ul	94
22) Nitrobenzene	8.869	77	176534	21.605	ng/ul	96
23) Isophorone	9.392	82	334523	20.067	ng/ul	98
25) 2-Nitrophenol	9.575	139	84257	20.808	ng/ul	93
26) 2,4-Dimethylphenol	9.634	107	154199	20.928	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.875	93	198113	18.897	ng/ul	97
29) 2,4-Dichlorophenol	10.098	162	132282	20.960	ng/ul	97
30) Naphthalene	10.492	128	458005	19.764	ng/ul	99
32) 4-Chloroaniline	10.622	127	189541	18.727	ng/ul	100
33) Hexachlorobutadiene	10.757	225	83018	23.470	ng/ul	97
34) Caprolactam	11.416	113	42462	17.277	ng/ul	92
35) 4-Chloro-3-methylphenol	11.745	107	141209	19.294	ng/ul	99
36) 2-Methylnaphthalene	12.116	142	295766	19.192	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.333	142	294411	19.366	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.480	216	145738	20.961	ng/ul	98
40) Hexachlorocyclopentadiene	12.451	237	87666	18.995	ng/ul	98
41) 2,4,6-Trichlorophenol	12.733	196	99629	20.441	ng/ul	98
42) 2,4,5-Trichlorophenol	12.810	196	107652	20.609	ng/ul	97
43) 1,1'-Biphenyl	13.139	154	376332	19.392	ng/ul	99
44) 2-Chloronaphthalene	13.180	162	300646	19.742	ng/ul	99
45) 2-Nitroaniline	13.404	65	103978	21.749	ng/ul	94
47) Dimethylphthalate	13.780	163	376546	19.303	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	76564	19.650	ng/ul	95
50) Acenaphthylene	14.033	152	500271	19.577	ng/ul	99
51) 3-Nitroaniline	14.239	138	80684	19.171	ng/ul	89
52) Acenaphthene	14.374	153	325317	19.366	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	41699	16.730	ng/ul	87
55) 4-Nitrophenol	14.551	109	60939	21.877	ng/ul#	77
56) Dibenzofuran	14.716	168	435595	19.494	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	108002	19.202	ng/ul#	71
58) 2,3,4,6-Tetrachlorophenol	14.945	232	86442	19.998	ng/ul	98
59) Diethylphthalate	15.157	149	382836	18.910	ng/ul	99
61) Fluorene	15.368	166	353548	19.346	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.368	204	169099	19.936	ng/ul	99
63) 4-Nitroaniline	15.410	138	79778m	19.833	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.463	198	65469	19.737	ng/ul	91
67) N-Nitrosodiphenylamine	15.586	169	290629	20.179	ng/ul	100
68) 4-Bromophenyl-phenylether	16.263	248	102516	21.433	ng/ul	98
69) Hexachlorobenzene	16.368	284	121509	22.303	ng/ul	94
70) Atrazine	16.551	200	99527	21.147	ng/ul	97
71) Pentachlorophenol	16.721	266	74198	20.625	ng/ul	95
72) Phenanthrene	17.115	178	534516	19.704	ng/ul	99
74) Anthracene	17.204	178	551360	20.097	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.098	216	142286	22.277	ng/uL	98
76) Pentachlorobenzene	14.627	250	138736	22.467	ng/uL	98
77) Carbazole	17.480	167	502266	19.483	ng/ul	99
78) Di-n-butylphthalate	18.051	149	664136	19.152	ng/ul	99
80) Fluoranthene	19.133	202	612530	18.791	ng/ul	96
82) Pyrene	19.498	202	653215	19.248	ng/ul	97
83) Butylbenzylphthalate	20.415	149	308163	18.467	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.198	252	219615	22.750	ng/ul	99
85) Benzo(a)anthracene	21.256	228	654755	19.537	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.198	149	469805	19.310	ng/ul	97
87) Chrysene	21.303	228	607460	19.578	ng/ul	99
89) Di-n-octyl phthalate	22.080	149	817640	17.504	ng/ul	100
90) Benzo(b)fluoranthene	22.833	252	670236	19.190	ng/ul	99
91) Benzo(k)fluoranthene	22.880	252	643377	18.808	ng/ul	98
93) Benzo(a)pyrene	23.409	252	626040	19.161	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.756	276	778039	21.232	ng/ul	97
95) Dibenzo(a,h)anthracene	25.774	278	656160	21.474	ng/ul	97
96) Benzo(g,h,i)perylene	26.444	276	629692	21.533	ng/ul	97

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

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