Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037925.D
Acq On : 09 Dec 2022 20:11
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020070

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

Quant Time: Dec 09 21:50:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	156663	20.000	ng/ul	0.00
20) Naphthalene-d8	10.898	136	646661	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	404236	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	912685	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	834465	20.000	ng/ul	0.00
88) Perylene-d12	24.104	264	866126	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	24291m	7.040	ng/uL	0.00
4) Pyridine-d5	3.858	84	186965	18.266	ng/ul	0.00
7) Phenol-d5	7.234	99	240536	18.894	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	143561	18.520	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	204585	19.590	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	188669	18.986	ng/ul	0.00
21) Nitrobenzene-d5	9.252	128	102082	19.938	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	110287	20.555	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	208029	20.412	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	296571	21.082	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	584646	20.287	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	699746	19.866	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	103395	21.051	ng/ul	0.00
60) Fluorene-d10	15.698	176	529578	20.625	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	85701	17.563	ng/ul	0.00
73) Anthracene-d10	17.551	188	852973	20.025	ng/ul	0.00
81) Pyrene-d10	19.833	212	988764	19.725	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	860331	19.887	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	25873	7.148	ng/uL	95
5) Pyridine	3.875	79	188535	18.329	ng/ul	98
6) Benzaldehyde	7.216	77	90587	19.025	ng/ul	99
8) Phenol	7.263	94	241345	18.903	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.499	93	192562	18.367	ng/ul	98
12) 2-Chlorophenol	7.640	128	208538	19.525	ng/ul	98
13) 2-Methylphenol	8.528	108	188463	19.288	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.616	45	344315	18.187	ng/ul	98
16) Acetophenone	8.910	105	301267	19.276	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.893	70	144424	19.616	ng/ul	97
18) 4-Methylphenol	8.857	108	204322	19.331	ng/ul	97
19) Hexachloroethane	9.169	117	78926	18.484	ng/ul	97
22) Nitrobenzene	9.299	77	217995	19.788	ng/ul	98
23) Isophorone	9.822	82	406797	20.151	ng/ul	99
25) 2-Nitrophenol	10.010	139	111749	19.866	ng/ul	93
26) 2,4-Dimethylphenol	10.063	107	220526	20.272	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.304	93	260791	19.434	ng/ul	99
29) 2,4-Dichlorophenol	10.546	162	205610	20.563	ng/ul	99
30) Naphthalene	10.951	128	693503	19.873	ng/ul	99
32) 4-Chloroaniline	11.063	127	290493	20.707	ng/ul	97
33) Hexachlorobutadiene	11.234	225	129889	19.747	ng/ul	97
34) Caprolactam	11.840	113	57226	22.311	ng/ul	91
35) 4-Chloro-3-methylphenol	12.175	107	194754	21.398	ng/ul	97
36) 2-Methylnaphthalene	12.551	142	455697	20.133	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.769	142	464475	20.069	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.916	216	252389	19.109	ng/ul	97
40) Hexachlorocyclopentadiene	12.892	237	76845	10.171	ng/ul	95
41) 2,4,6-Trichlorophenol	13.151	196	162245	20.167	ng/ul	96
42) 2,4,5-Trichlorophenol	13.222	196	172363	20.543	ng/ul	99
43) 1,1'-Biphenyl	13.551	154	619323	19.060	ng/ul	99
44) 2-Chloronaphthalene	13.592	162	486701	19.417	ng/ul	98
45) 2-Nitroaniline	13.798	65	128495	21.275	ng/ul	96
47) Dimethylphthalate	14.163	163	581093	20.437	ng/ul	99
48) 2,6-Dinitrotoluene	14.287	165	116053	21.013	ng/ul	96
50) Acenaphthylene	14.434	152	780778	20.159	ng/ul	99
51) 3-Nitroaniline	14.616	138	112003	20.326	ng/ul	100
52) Acenaphthene	14.775	153	529437	19.764	ng/ul	98
53) 2,4-Dinitrophenol	14.822	184	49339	18.205	ng/ul	92
55) 4-Nitrophenol	14.916	109	74976	23.147	ng/ul	98
56) Dibenzofuran	15.104	168	743637	20.333	ng/ul	98
57) 2,4-Dinitrotoluene	15.069	165	167928	22.452	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.334	232	159892	22.654	ng/ul	98
59) Diethylphthalate	15.516	149	583989	20.617	ng/ul	99
61) Fluorene	15.757	166	622001	20.854	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.745	204	302556	20.757	ng/ul	98
63) 4-Nitroaniline	15.775	138	113364	22.689	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.833	198	82427	17.449	ng/ul	95
67) N-Nitrosodiphenylamine	15.957	169	511188	18.568	ng/ul	99
68) 4-Bromophenyl-phenylether	16.639	248	187829	18.774	ng/ul	99
69) Hexachlorobenzene	16.757	284	232341	19.455	ng/ul	99
70) Atrazine	16.904	200	181605	19.303	ng/ul	97
71) Pentachlorophenol	17.098	266	130640	19.675	ng/ul	98
72) Phenanthrene	17.492	178	980588	19.674	ng/ul	100
74) Anthracene	17.586	178	1032176	20.378	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.516	216	246811	16.727	ng/uL	99
76) Pentachlorobenzene	15.028	250	254091	17.384	ng/uL	100
77) Carbazole	17.851	167	917950	20.918	ng/ul	100
78) Di-n-butylphthalate	18.404	149	1060223	20.326	ng/ul	99
80) Fluoranthene	19.498	202	1151893	19.471	ng/ul	99
82) Pyrene	19.863	202	1227754	19.941	ng/ul	98
83) Butylbenzylphthalate	20.745	149	480014	20.967	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.533	252	321090	19.445	ng/ul	97
85) Benzo(a)anthracene	21.604	228	1111685	19.788	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.510	149	708869	21.284	ng/ul	99
87) Chrysene	21.657	228	1052904	19.975	ng/ul	99
89) Di-n-octyl phthalate	22.462	149	1183866	21.332	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1097840	20.445	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	1034544	19.880	ng/ul	99
93) Benzo(a)pyrene	23.992	252	947921	20.075	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.697	276	1270504	20.892	ng/ul	97
95) Dibenzo(a,h)anthracene	26.715	278	1081025	21.086	ng/ul	97
96) Benzo(g,h,i)perylene	27.503	276	1002555	20.648	ng/ul	96

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

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