Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM032020.D
Acq On : 01 Sep 2021 17:34
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020062

Manual Integrations APPROVED
mohammad
9/2/2021 1:25:15 PM

Quant Time: Sep 01 18:08:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 01 11:29:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.498	152	66187	20.000	ng/ul	0.00
20) Naphthalene-d8	10.251	136	298978	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.139	164	236063	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.898	188	553639	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.109	240	702044	20.000	ng/ul	0.00
88) Perylene-d12	23.245	264	743621	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	12594	8.779	ng/uL	0.00
4) Pyridine-d5	3.516	84	86282	21.181	ng/ul	0.00
7) Phenol-d5	6.693	99	108101	19.696	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.857	67	62582	19.707	ng/ul	0.00
11) 2-Chlorophenol-d4	7.034	132	89067	21.089	ng/ul	0.00
15) 4-Methylphenol-d8	8.210	113	91568	19.446	ng/ul	0.00
21) Nitrobenzene-d5	8.645	128	45420	20.916	ng/ul	0.00
24) 2-Nitrophenol-d4	9.357	143	54149	21.070	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.887	165	110285	21.389	ng/ul	0.00
31) 4-Chloroaniline-d4	10.410	131	149115	20.502	ng/ul	0.00
46) Dimethylphthalate-d6	13.569	166	353632	19.798	ng/ul	0.00
49) Acenaphthylene-d8	13.827	160	438323	20.721	ng/ul	0.00
54) 4-Nitrophenol-d4	14.380	143	62365	19.289	ng/ul	0.00
60) Fluorene-d10	15.145	176	326481	20.792	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	64597	16.981	ng/ul	0.00
73) Anthracene-d10	16.998	188	546062	20.780	ng/ul	0.00
81) Pyrene-d10	19.304	212	647309	19.685	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.115	264	810176	20.730	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.158	88	13398	7.747	ng/uL	89
5) Pyridine	3.534	79	87886	20.986	ng/ul	92
6) Benzaldehyde	6.663	77	47294m	19.034	ng/ul	
8) Phenol	6.722	94	109012	19.738	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.946	93	82761	19.675	ng/ul	97
12) 2-Chlorophenol	7.069	128	88411	20.963	ng/ul	95
13) 2-Methylphenol	7.946	108	82497	19.373	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.028	45	108626	19.871	ng/ul#	94
16) Acetophenone	8.322	105	145795	19.769	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.304	70	74432	20.687	ng/ul	95
18) 4-Methylphenol	8.275	108	93271	19.724	ng/ul	92
19) Hexachloroethane	8.545	117	37735	20.887	ng/ul	91
22) Nitrobenzene	8.693	77	115339	21.038	ng/ul	99
23) Isophorone	9.210	82	200712	19.892	ng/ul#	97
25) 2-Nitrophenol	9.392	139	56932	21.266	ng/ul	95
26) 2,4-Dimethylphenol	9.457	107	112915	20.720	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.698	93	119661	20.006	ng/ul	99
29) 2,4-Dichlorophenol	9.916	162	104827	21.374	ng/ul	98
30) Naphthalene	10.304	128	306417	20.472	ng/ul	99
32) 4-Chloroaniline	10.434	127	147942	20.390	ng/ul	98
33) Hexachlorobutadiene	10.575	225	68117	20.936	ng/ul	96
34) Caprolactam	11.228	113	30741m	18.804	ng/ul	
35) 4-Chloro-3-methylphenol	11.563	107	108086	21.015	ng/ul	99
36) 2-Methylnaphthalene	11.922	142	244535	20.721	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.145	142	248774	20.697	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.304	216	140806	20.779	ng/ul	98
40) Hexachlorocyclopentadiene	12.269	237	66687	18.284	ng/ul	96
41) 2,4,6-Trichlorophenol	12.557	196	94141	20.738	ng/ul	97
42) 2,4,5-Trichlorophenol	12.633	196	103723	21.040	ng/ul	99
43) 1,1'-Biphenyl	12.963	154	330777	19.921	ng/ul	98
44) 2-Chloronaphthalene	12.998	162	269633	20.497	ng/ul	99
45) 2-Nitroaniline	13.233	65	76723	21.169	ng/ul	97
47) Dimethylphthalate	13.616	163	347940	19.838	ng/ul	99
48) 2,6-Dinitrotoluene	13.739	165	69882	20.196	ng/ul	96
50) Acenaphthylene	13.857	152	402470	20.677	ng/ul	99
51) 3-Nitroaniline	14.075	138	52199	16.120	ng/ul	95
52) Acenaphthene	14.204	153	291238	20.601	ng/ul	98
53) 2,4-Dinitrophenol	14.292	184	44487	18.388	ng/ul	92
55) 4-Nitrophenol	14.398	109	60779	20.362	ng/ul	86
56) Dibenzofuran	14.545	168	435087	20.869	ng/ul	100
57) 2,4-Dinitrotoluene	14.539	165	109856	21.168	ng/ul#	74
58) 2,3,4,6-Tetrachlorophenol	14.780	232	92530	20.908	ng/ul#	97
59) Diethylphthalate	14.992	149	363620	20.284	ng/ul	99
61) Fluorene	15.198	166	365583	20.724	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.204	204	186631	20.658	ng/ul	99
63) 4-Nitroaniline	15.245	138	51052	17.601	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.304	198	63998	17.301	ng/ul	95
67) N-Nitrosodiphenylamine	15.421	169	320780	20.176	ng/ul	99
68) 4-Bromophenyl-phenylether	16.098	248	115382	20.337	ng/ul	97
69) Hexachlorobenzene	16.198	284	132857	20.169	ng/ul	98
70) Atrazine	16.392	200	115856	19.340	ng/ul	98
71) Pentachlorophenol	16.557	266	81414	18.900	ng/ul	94
72) Phenanthrene	16.939	178	616215	20.379	ng/ul	99
74) Anthracene	17.033	178	641024	20.714	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.922	216	143020	19.851	ng/uL	99
76) Pentachlorobenzene	14.463	250	149738	19.811	ng/uL	96
77) Carbazole	17.315	167	573309	20.242	ng/ul	99
78) Di-n-butylphthalate	17.886	149	669734	20.636	ng/ul	99
80) Fluoranthene	18.968	202	783690	19.613	ng/ul#	94
82) Pyrene	19.333	202	840327	19.864	ng/ul#	94
83) Butylbenzylphthalate	20.262	149	334720	20.150	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.039	252	258283	16.342	ng/ul	96
85) Benzo(a)anthracene	21.092	228	915949	20.974	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.039	149	550329	20.543	ng/ul	98
87) Chrysene	21.145	228	884402	21.055	ng/ul	99
89) Di-n-octyl phthalate	21.898	149	979048	19.298	ng/ul	100
90) Benzo(b)fluoranthene	22.615	252	975931	20.599	ng/ul	98
91) Benzo(k)fluoranthene	22.656	252	983720	21.447	ng/ul#	98
93) Benzo(a)pyrene	23.156	252	880906	20.590	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.356	276	1035947	18.919	ng/ul	95
95) Dibenzo(a,h)anthracene	25.362	278	879537	19.099	ng/ul#	96
96) Benzo(g,h,i)perylene	25.997	276	842450	18.580	ng/ul#	95

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

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