Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081522\
Data File : BM036293.D
Acq On : 15 Aug 2022 19:44
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020148

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/16/2022
Supervised By :Sohil Jodhani 08/16/2022

Quant Time: Aug 16 01:12:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 14 23:34:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	191198	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	827200	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	497879	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	1017673	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	1014004	20.000	ng/ul	0.00
88) Perylene-d12	23.703	264	1051540	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	43427	8.547	ng/uL	0.00
4) Pyridine-d5	3.640	84	278754	20.026	ng/ul	0.00
7) Phenol-d5	6.992	99	330892	20.637	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	224452	20.999	ng/ul	0.00
11) 2-Chlorophenol-d4	7.339	132	287417	21.596	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	271208	20.879	ng/ul	0.00
21) Nitrobenzene-d5	8.975	128	148057	22.587	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	146845	22.994	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	249877	21.634	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	411126	21.026	ng/ul	0.00
46) Dimethylphthalate-d6	13.868	166	735711	21.693	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	926376	21.409	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	127277	18.276	ng/ul	0.00
60) Fluorene-d10	15.439	176	657819	21.465	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.568	200	106802	19.524	ng/ul	0.00
73) Anthracene-d10	17.292	188	992469	21.571	ng/ul	0.00
81) Pyrene-d10	19.586	212	1138520	20.259	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.550	264	1123250	21.040	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	44058	8.367	ng/uL	92
5) Pyridine	3.657	79	295682	20.242	ng/ul	93
6) Benzaldehyde	6.951	77	178735	26.560	ng/ul	95
8) Phenol	7.016	94	366126	20.866	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.239	93	292221	20.715	ng/ul	98
12) 2-Chlorophenol	7.375	128	296092	21.688	ng/ul	99
13) 2-Methylphenol	8.263	108	270375	20.626	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.345	45	396319	21.285	ng/ul	98
16) Acetophenone	8.639	105	440570	21.126	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.622	70	223848	21.524	ng/ul	98
18) 4-Methylphenol	8.598	108	297686	21.169	ng/ul	97
19) Hexachloroethane	8.881	117	128554	22.822	ng/ul	92
22) Nitrobenzene	9.016	77	334373	22.292	ng/ul	98
23) Isophorone	9.545	82	609819	21.537	ng/ul	98
25) 2-Nitrophenol	9.728	139	161304	22.767	ng/ul	97
26) 2,4-Dimethylphenol	9.798	107	317574	21.936	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.028	93	382165	21.400	ng/ul	100
29) 2,4-Dichlorophenol	10.263	162	262730	21.916	ng/ul	99
30) Naphthalene	10.657	128	952560	21.817	ng/ul	99
32) 4-Chloroaniline	10.780	127	407778	20.994	ng/ul	100
33) Hexachlorobutadiene	10.933	225	162319	21.933	ng/ul	99
34) Caprolactam	11.574	113	81181	20.490	ng/ul	88
35) 4-Chloro-3-methylphenol	11.916	107	270154	21.672	ng/ul	98
36) 2-Methylnaphthalene	12.274	142	613839	21.488	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	620147	21.538	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.639	216	294199	20.759	ng/ul	99
40) Hexachlorocyclopentadiene	12.610	237	163629	17.335	ng/ul	98
41) 2,4,6-Trichlorophenol	12.886	196	188565	20.791	ng/ul	98
42) 2,4,5-Trichlorophenol	12.969	196	198700	20.532	ng/ul	98
43) 1,1'-Biphenyl	13.286	154	812370	21.199	ng/ul	100
44) 2-Chloronaphthalene	13.327	162	617737	21.004	ng/ul	98
45) 2-Nitroaniline	13.545	65	185685	22.901	ng/ul	95
47) Dimethylphthalate	13.916	163	735024	21.546	ng/ul	100
48) 2,6-Dinitrotoluene	14.039	165	144398	21.320	ng/ul	90
50) Acenaphthylene	14.168	152	1036209	21.647	ng/ul	100
51) 3-Nitroaniline	14.374	138	136180	18.194	ng/ul	96
52) Acenaphthene	14.510	153	669107	21.546	ng/ul	98
53) 2,4-Dinitrophenol	14.580	184	63744	16.576	ng/ul	97
55) 4-Nitrophenol	14.692	109	101000	18.962	ng/ul	83
56) Dibenzofuran	14.845	168	935878	21.781	ng/ul	99
57) 2,4-Dinitrotoluene	14.827	165	214212	22.438	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.080	232	159573	20.987	ng/ul	93
59) Diethylphthalate	15.274	149	749799	21.730	ng/ul	99
61) Fluorene	15.498	166	756363	21.549	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.492	204	352268	20.947	ng/ul	97
63) 4-Nitroaniline	15.533	138	130755m	18.975	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.586	198	107709	19.677	ng/ul	95
67) N-Nitrosodiphenylamine	15.710	169	621239	20.765	ng/ul	98
68) 4-Bromophenyl-phenylether	16.386	248	204152	20.463	ng/ul	97
69) Hexachlorobenzene	16.492	284	249410	20.517	ng/ul	97
70) Atrazine	16.662	200	210207	20.257	ng/ul	99
71) Pentachlorophenol	16.845	266	122970	16.559	ng/ul	97
72) Phenanthrene	17.233	178	1171539	21.479	ng/ul	99
74) Anthracene	17.327	178	1188987	21.724	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.245	216	305458	19.301	ng/uL	97
76) Pentachlorobenzene	14.763	250	295734	20.615	ng/uL	99
77) Carbazole	17.604	167	1102663	21.813	ng/ul	99
78) Di-n-butylphthalate	18.162	149	1256504	22.031	ng/ul	99
80) Fluoranthene	19.250	202	1342744	19.998	ng/ul	98
82) Pyrene	19.615	202	1416751	20.471	ng/ul	96
83) Butylbenzylphthalate	20.515	149	557992	22.168	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.297	252	425565	22.743	ng/ul	96
85) Benzo(a)anthracene	21.356	228	1349388	21.143	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	801614	22.040	ng/ul	97
87) Chrysene	21.409	228	1305583	20.966	ng/ul	99
89) Di-n-octyl phthalate	22.191	149	1334137	19.647	ng/ul	100
90) Benzo(b)fluoranthene	22.991	252	1395315	19.883	ng/ul	98
91) Benzo(k)fluoranthene	23.038	252	1343258	20.171	ng/ul	98
93) Benzo(a)pyrene	23.597	252	1376569	20.594	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.121	276	1615568	22.675	ng/ul	95
95) Dibenzo(a,h)anthracene	26.138	278	1396802	22.851	ng/ul	97
96) Benzo(g,h,i)perylene	26.862	276	1372862	23.252	ng/ul	97

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

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