Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081622\
Data File : BM036298.D
Acq On : 16 Aug 2022 13:03
Operator : CG/JU
Sample : SSTD04063
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 16 14:09:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 16 14:05:33 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD040015

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/17/2022
Supervised By :Sohil Jodhani 08/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	216943	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	897545	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	498338	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	942792	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	888180	20.000	ng/ul	0.00
88) Perylene-d12	23.709	264	906055	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	94768	16.438	ng/uL	0.00
4) Pyridine-d5	3.634	84	647606	41.003	ng/ul	0.00
7) Phenol-d5	6.987	99	767829	42.205	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	482481	39.782	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	618521	40.959	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	572468	38.842	ng/ul	0.00
21) Nitrobenzene-d5	8.975	128	303438	42.664	ng/ul	0.00
24) 2-Nitrophenol-d4	9.692	143	310240	44.773	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	542367	43.277	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	799273	37.673	ng/ul	0.00
46) Dimethylphthalate-d6	13.868	166	1350172	39.774	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	1728957	39.919	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	255804	36.697	ng/ul	0.00
60) Fluorene-d10	15.439	176	1221602	39.824	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.568	200	207111	40.868	ng/ul	0.00
73) Anthracene-d10	17.292	188	1813532	42.547	ng/ul	0.00
81) Pyrene-d10	19.586	212	1968020	39.980	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.556	264	1927524	41.903	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	101738	17.028	ng/uL	97
5) Pyridine	3.652	79	670535	40.456	ng/ul	91
6) Benzaldehyde	6.951	77	357969	46.882	ng/ul	93
8) Phenol	7.016	94	796679	40.016	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.234	93	633598	39.585	ng/ul	98
12) 2-Chlorophenol	7.369	128	640042	41.317	ng/ul	99
13) 2-Methylphenol	8.263	108	589615	39.643	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.339	45	848789	40.175	ng/ul	98
16) Acetophenone	8.634	105	927558	39.199	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.622	70	466779	39.557	ng/ul	95
18) 4-Methylphenol	8.598	108	628674	39.401	ng/ul	97
19) Hexachloroethane	8.875	117	267073	41.786	ng/ul	91
22) Nitrobenzene	9.016	77	703499	43.225	ng/ul	100
23) Isophorone	9.545	82	1233569	40.152	ng/ul	97
25) 2-Nitrophenol	9.728	139	343319	44.660	ng/ul	99
26) 2,4-Dimethylphenol	9.792	107	661874	42.135	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.028	93	789327	40.736	ng/ul	99
29) 2,4-Dichlorophenol	10.263	162	552304	42.460	ng/ul	99
30) Naphthalene	10.657	128	1990993	42.026	ng/ul	99
32) 4-Chloroaniline	10.780	127	815127	38.677	ng/ul	98
33) Hexachlorobutadiene	10.933	225	340837	42.445	ng/ul	98
34) Caprolactam	11.575	113	158877	36.957	ng/ul	94
35) 4-Chloro-3-methylphenol	11.916	107	555702	41.085	ng/ul	99
36) 2-Methylnaphthalene	12.269	142	1260988	40.683	ng/ul	100

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	1258344	40.277 ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.639	216	591030	41.664 ng/ul	99
40) Hexachlorocyclopentadiene	12.610	237	344730	36.488 ng/ul	95
41) 2,4,6-Trichlorophenol	12.886	196	388520	42.798 ng/ul	99
42) 2,4,5-Trichlorophenol	12.963	196	410044	42.332 ng/ul	100
43) 1,1'-Biphenyl	13.286	154	1600501	41.727 ng/ul	99
44) 2-Chloronaphthalene	13.327	162	1238308	42.066 ng/ul	98
45) 2-Nitroaniline	13.545	65	359139	44.253 ng/ul	97
47) Dimethylphthalate	13.916	163	1381957	40.473 ng/ul	100
48) 2,6-Dinitrotoluene	14.039	165	282330	41.647 ng/ul	90
50) Acenaphthylene	14.168	152	2017879	42.117 ng/ul	100
51) 3-Nitroaniline	14.368	138	292715	39.071 ng/ul	98
52) Acenaphthene	14.510	153	1282543	41.262 ng/ul	98
53) 2,4-Dinitrophenol	14.580	184	140596	36.528 ng/ul	96
55) 4-Nitrophenol	14.692	109	200565	37.620 ng/ul	85
56) Dibenzofuran	14.845	168	1776381	41.304 ng/ul	97
57) 2,4-Dinitrotoluene	14.827	165	401229	41.988 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.080	232	312127	41.012 ng/ul	96
59) Diethylphthalate	15.274	149	1366940	39.578 ng/ul	99
61) Fluorene	15.498	166	1422322	40.485 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.492	204	659366	39.172 ng/ul	98
63) 4-Nitroaniline	15.533	138	281647m	40.835 ng/ul	
66) 4,6-Dinitro-2-methylph...	15.586	198	208287	41.074 ng/ul	95
67) N-Nitrosodiphenylamine	15.710	169	1151578	41.548 ng/ul	99
68) 4-Bromophenyl-phenylether	16.386	248	373896	40.453 ng/ul	98
69) Hexachlorobenzene	16.492	284	448263	39.804 ng/ul	98
70) Atrazine	16.662	200	388884	40.452 ng/ul	99
71) Pentachlorophenol	16.845	266	242239	35.210 ng/ul	98
72) Phenanthrene	17.233	178	2114516	41.846 ng/ul	98
74) Anthracene	17.327	178	2147411	42.351 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.245	216	600866	40.983 ng/uL	98
76) Pentachlorobenzene	14.763	250	559729	42.116 ng/uL	99
77) Carbazole	17.604	167	1989642	42.486 ng/ul	99
78) Di-n-butylphthalate	18.162	149	2224119	42.093 ng/ul	99
80) Fluoranthene	19.250	202	2347433	39.914 ng/ul	98
82) Pyrene	19.615	202	2446837	40.364 ng/ul	96
83) Butylbenzylphthalate	20.515	149	966525	43.838 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.297	252	794657	48.485 ng/ul	98
85) Benzo(a)anthracene	21.362	228	2302509	41.187 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	1352893	42.467 ng/ul	99
87) Chrysene	21.415	228	2252730	41.300 ng/ul	99
89) Di-n-octyl phthalate	22.191	149	2284914	39.051 ng/ul	100
90) Benzo(b)fluoranthene	22.997	252	2436992	40.302 ng/ul	97
91) Benzo(k)fluoranthene	23.044	252	2252568	39.257 ng/ul	98
93) Benzo(a)pyrene	23.603	252	2365198	41.066 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.127	276	2774348	45.191 ng/ul	95
95) Dibenzo(a,h)anthracene	26.138	278	2385045	45.283 ng/ul	97
96) Benzo(g,h,i)perylene	26.868	276	2351701	46.226 ng/ul	97

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

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