Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030822\
Data File : BM034145.D
Acq On : 08 Mar 2022 10:31
Operator : CG/JU
Sample : SSTD02041
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 08 11:32:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030822.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 08 11:29:45 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020041

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2022
Supervised By :Yogesh Patel 03/09/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	140002	20.000	ng/ul	0.00
20) Naphthalene-d8	10.807	136	586283	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.630	164	409167	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.371	188	910042	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.542	240	1040532	20.000	ng/ul	0.00
88) Perylene-d12	23.989	264	1037318	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	27611	9.093	ng/uL	0.00
4) Pyridine-d5	3.790	84	189292	23.724	ng/ul	0.00
7) Phenol-d5	7.143	99	233860	23.388	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.313	67	129889	23.399	ng/ul	0.00
11) 2-Chlorophenol-d4	7.519	132	204508	23.725	ng/ul	0.00
15) 4-Methylphenol-d8	8.695	113	200996	23.617	ng/ul	0.00
21) Nitrobenzene-d5	9.154	128	98839	22.319	ng/ul	0.00
24) 2-Nitrophenol-d4	9.884	143	109075	21.668	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.419	165	225105	22.097	ng/ul	0.00
31) 4-Chloroaniline-d4	10.936	131	311646	24.258	ng/ul	0.00
46) Dimethylphthalate-d6	14.036	166	678872	21.929	ng/ul	0.00
49) Acenaphthylene-d8	14.324	160	852776	22.617	ng/ul	0.00
54) 4-Nitrophenol-d4	14.807	143	125139	23.599	ng/ul	0.00
60) Fluorene-d10	15.618	176	601726	22.488	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.724	200	117234	19.732	ng/ul	0.00
73) Anthracene-d10	17.465	188	984738	22.377	ng/ul	0.00
81) Pyrene-d10	19.754	212	1210216	21.575	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.830	264	1218274	23.045	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.408	88	28636	9.608	ng/uL#	73
5) Pyridine	3.813	79	191143	23.474	ng/ul#	68
6) Benzaldehyde	7.119	77	116834m	20.576	ng/ul	
8) Phenol	7.166	94	236331	24.210	ng/ul#	81
10) Bis(2-Chloroethyl)ether	7.407	93	188662	24.536	ng/ul#	84
12) 2-Chlorophenol	7.554	128	208331	24.352	ng/ul#	79
13) 2-Methylphenol	8.431	108	185932	24.236	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.525	45	167268	19.935	ng/ul#	80
16) Acetophenone	8.813	105	316782	23.935	ng/ul#	81
17) N-Nitroso-di-n-propyla...	8.801	70	151363	25.073	ng/ul#	79
18) 4-Methylphenol	8.760	108	205451	24.693	ng/ul	97
19) Hexachloroethane	9.084	117	85859	23.966	ng/ul#	70
22) Nitrobenzene	9.195	77	227320	23.930	ng/ul#	88
23) Isophorone	9.725	82	411844	23.516	ng/ul#	91
25) 2-Nitrophenol	9.913	139	119004	22.898	ng/ul#	73
26) 2,4-Dimethylphenol	9.972	107	239456	23.005	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.213	93	257196	24.221	ng/ul#	96
29) 2,4-Dichlorophenol	10.448	162	223587	22.853	ng/ul	95
30) Naphthalene	10.860	128	688354	23.428	ng/ul	98
32) 4-Chloroaniline	10.960	127	315987	24.881	ng/ul	96
33) Hexachlorobutadiene	11.154	225	165944	22.083	ng/ul	99
34) Caprolactam	11.719	113	64264m	24.187	ng/ul	
35) 4-Chloro-3-methylphenol	12.078	107	222653	24.304	ng/ul#	74
36) 2-Methylnaphthalene	12.466	142	496316	23.141	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.683	142	514355	23.658	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.830	216	310624	22.851	ng/ul#	96
40) Hexachlorocyclopentadiene	12.819	237	203641	21.968	ng/ul	99
41) 2,4,6-Trichlorophenol	13.066	196	193309	23.280	ng/ul	99
42) 2,4,5-Trichlorophenol	13.136	196	215536	23.601	ng/ul	95
43) 1,1'-Biphenyl	13.466	154	698144	23.148	ng/ul#	95
44) 2-Chloronaphthalene	13.507	162	545134	23.264	ng/ul	95
45) 2-Nitroaniline	13.701	65	130701	24.777	ng/ul#	65
47) Dimethylphthalate	14.083	163	688761	22.982	ng/ul	99
48) 2,6-Dinitrotoluene	14.195	165	138217	23.566	ng/ul#	85
50) Acenaphthylene	14.354	152	867742	23.433	ng/ul	99
51) 3-Nitroaniline	14.519	138	95698	16.775	ng/ul#	78
52) Acenaphthene	14.695	153	563626	22.935	ng/ul	97
53) 2,4-Dinitrophenol	14.724	184	75582	19.425	ng/ul#	70
55) 4-Nitrophenol	14.819	109	109599	22.706	ng/ul#	75
56) Dibenzofuran	15.024	168	833696	23.100	ng/ul	94
57) 2,4-Dinitrotoluene	14.977	165	204665	24.015	ng/ul#	68
58) 2,3,4,6-Tetrachlorophenol	15.248	232	186907	23.651	ng/ul#	88
59) Diethylphthalate	15.442	149	686482	22.944	ng/ul	99
61) Fluorene	15.671	166	684693	22.748	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.666	204	366094	22.742	ng/ul	88
63) 4-Nitroaniline	15.677	138	84213	14.428	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.742	198	118199	20.357	ng/ul#	82
67) N-Nitrosodiphenylamine	15.877	169	594744	22.507	ng/ul	99
68) 4-Bromophenyl-phenylether	16.560	248	217256	21.882	ng/ul#	88
69) Hexachlorobenzene	16.683	284	285602	23.718	ng/ul#	84
70) Atrazine	16.824	200	234575	21.631	ng/ul	96
71) Pentachlorophenol	17.018	266	169908	21.668	ng/ul	98
72) Phenanthrene	17.413	178	1125476	22.800	ng/ul	99
74) Anthracene	17.501	178	1139924	22.804	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.436	216	337064	23.464	ng/uL	97
76) Pentachlorobenzene	14.948	250	315072	22.173	ng/uL	100
77) Carbazole	17.765	167	1009501	23.172	ng/ul	99
78) Di-n-butylphthalate	18.336	149	1134067	22.328	ng/ul	98
80) Fluoranthene	19.424	202	1414820	21.830	ng/ul#	92
82) Pyrene	19.783	202	1464324	21.872	ng/ul#	91
83) Butylbenzylphthalate	20.677	149	525280	22.251	ng/ul#	77
84) 3,3'-Dichlorobenzidine	21.453	252	405777	18.396	ng/ul	96
85) Benzo(a)anthracene	21.524	228	1505434	23.668	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.453	149	781800	21.480	ng/ul	100
87) Chrysene	21.577	228	1478501	23.673	ng/ul	99
89) Di-n-octyl phthalate	22.395	149	1301296	20.384	ng/ul	100
90) Benzo(b)fluoranthene	23.242	252	1579792	24.016	ng/ul#	97
91) Benzo(k)fluoranthene	23.289	252	1463883	23.640	ng/ul#	98
93) Benzo(a)pyrene	23.877	252	1479049m	23.485	ng/ul	
94) Indeno(1,2,3-cd)pyrene	26.541	276	1535840	21.913	ng/ul	96
95) Dibenzo(a,h)anthracene	26.559	278	1314701	21.668	ng/ul	96
96) Benzo(g,h,i)perylene	27.324	276	1276636	21.567	ng/ul	96

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

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