Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081622\
Data File : BM036296.D
Acq On : 16 Aug 2022 11:49
Operator : CG/JU
Sample : SSTD01061
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 16 14:08:06 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 :
SSTD010013

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	209533	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	888778	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	496756	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	921054	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	828613	20.000	ng/ul	0.00
88) Perylene-d12	23.703	264	865626	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	22479	4.037	ng/uL	0.00
4) Pyridine-d5	3.640	84	146754	9.620	ng/ul	0.00
7) Phenol-d5	6.987	99	169208	9.630	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.139	67	112011	9.562	ng/ul	0.00
11) 2-Chlorophenol-d4	7.339	132	138105	9.469	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	127756	8.975	ng/ul	0.00
21) Nitrobenzene-d5	8.975	128	64728	9.191	ng/ul	0.00
24) 2-Nitrophenol-d4	9.692	143	63412	9.242	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	118432	9.543	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	179581	8.548	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	311267	9.199	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	382261	8.854	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	43359	6.240	ng/ul	0.00
60) Fluorene-d10	15.439	176	281630	9.210	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.568	200	34550	6.978	ng/ul	0.00
73) Anthracene-d10	17.286	188	407034	9.775	ng/ul	0.00
81) Pyrene-d10	19.580	212	433065	9.430	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.550	264	419756	9.551	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	23493	4.071	ng/uL	97
5) Pyridine	3.663	79	150940	9.429	ng/ul	92
6) Benzaldehyde	6.951	77	79460	10.775	ng/ul	93
8) Phenol	7.016	94	178005	9.257	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.234	93	148703	9.619	ng/ul	99
12) 2-Chlorophenol	7.369	128	146872	9.816	ng/ul	98
13) 2-Methylphenol	8.263	108	129896	9.042	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.339	45	199623	9.783	ng/ul	96
16) Acetophenone	8.633	105	211770	9.266	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.616	70	104640	9.181	ng/ul	95
18) 4-Methylphenol	8.592	108	142410	9.241	ng/ul	100
19) Hexachloroethane	8.875	117	62666	10.151	ng/ul	89
22) Nitrobenzene	9.016	77	158679	9.846	ng/ul	97
23) Isophorone	9.539	82	276654	9.094	ng/ul	96
25) 2-Nitrophenol	9.728	139	72499	9.524	ng/ul	98
26) 2,4-Dimethylphenol	9.792	107	150337	9.665	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.028	93	184694	9.626	ng/ul	99
29) 2,4-Dichlorophenol	10.263	162	121917	9.465	ng/ul	98
30) Naphthalene	10.657	128	474760	10.120	ng/ul	99
32) 4-Chloroaniline	10.780	127	183364	8.786	ng/ul	98
33) Hexachlorobutadiene	10.933	225	79550	10.004	ng/ul	97
34) Caprolactam	11.574	113	30582	7.184	ng/ul	85
35) 4-Chloro-3-methylphenol	11.916	107	122413	9.140	ng/ul	94
36) 2-Methylnaphthalene	12.269	142	289936	9.446	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	297099	9.603	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.633	216	138818	9.817	ng/ul	98
40) Hexachlorocyclopentadiene	12.610	237	64091	6.805	ng/ul	98
41) 2,4,6-Trichlorophenol	12.886	196	82328	9.098	ng/ul	97
42) 2,4,5-Trichlorophenol	12.969	196	88342	9.149	ng/ul	98
43) 1,1'-Biphenyl	13.280	154	379660	9.930	ng/ul	99
44) 2-Chloronaphthalene	13.321	162	291417	9.931	ng/ul	99
45) 2-Nitroaniline	13.545	65	70458	8.710	ng/ul	96
47) Dimethylphthalate	13.910	163	322020	9.461	ng/ul	99
48) 2,6-Dinitrotoluene	14.039	165	55209	8.170	ng/ul#	84
50) Acenaphthylene	14.168	152	460832	9.649	ng/ul	99
51) 3-Nitroaniline	14.374	138	55345	7.411	ng/ul	100
52) Acenaphthene	14.510	153	303411	9.792	ng/ul	98
53) 2,4-Dinitrophenol	14.586	184	17605	4.588	ng/ul	91
55) 4-Nitrophenol	14.692	109	34826	6.553	ng/ul	89
56) Dibenzofuran	14.845	168	426457	9.948	ng/ul	98
57) 2,4-Dinitrotoluene	14.827	165	78589	8.250	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.080	232	65948	8.693	ng/ul#	90
59) Diethylphthalate	15.274	149	312876	9.088	ng/ul	99
61) Fluorene	15.492	166	335165	9.571	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.492	204	155946	9.294	ng/ul	98
63) 4-Nitroaniline	15.533	138	49599m	7.214	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.586	198	34777	7.020	ng/ul#	78
67) N-Nitrosodiphenylamine	15.710	169	268808	9.927	ng/ul	99
68) 4-Bromophenyl-phenylether	16.386	248	84503	9.358	ng/ul	98
69) Hexachlorobenzene	16.486	284	102831	9.347	ng/ul	96
70) Atrazine	16.662	200	82082	8.740	ng/ul	97
71) Pentachlorophenol	16.851	266	43134	6.418	ng/ul	96
72) Phenanthrene	17.233	178	487760	9.881	ng/ul	98
74) Anthracene	17.321	178	489201	9.876	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	140601	9.816	ng/uL	94
76) Pentachlorobenzene	14.763	250	131093	10.097	ng/uL	99
77) Carbazole	17.604	167	433407	9.473	ng/ul	99
78) Di-n-butylphthalate	18.162	149	483345	9.364	ng/ul	99
80) Fluoranthene	19.250	202	523452	9.540	ng/ul	98
82) Pyrene	19.609	202	556050	9.832	ng/ul	98
83) Butylbenzylphthalate	20.515	149	192462	9.357	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.297	252	162840	10.650	ng/ul	94
85) Benzo(a)anthracene	21.356	228	500896	9.604	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.291	149	271315	9.129	ng/ul#	97
87) Chrysene	21.409	228	495725	9.742	ng/ul	100
89) Di-n-octyl phthalate	22.191	149	456816	8.172	ng/ul	100
90) Benzo(b)fluoranthene	22.991	252	518256	8.971	ng/ul	98
91) Benzo(k)fluoranthene	23.038	252	495191	9.033	ng/ul	98
93) Benzo(a)pyrene	23.597	252	513524	9.332	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.115	276	603864	10.296	ng/ul	95
95) Dibenzo(a,h)anthracene	26.132	278	523197	10.398	ng/ul	97
96) Benzo(g,h,i)perylene	26.862	276	520436	10.708	ng/ul	97

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

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