Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102621\
Data File : BN017086.D
Acq On : 26 Oct 2021 11:47
Operator : CG/JU
Sample : SSTD00529
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD005229

Quant Time: Oct 26 13:39:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN102621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 26 13:33:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	314596	20.000	ng/ul	0.00
20) Naphthalene-d8	10.310	136	1409761	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.187	164	962591	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.945	188	2037981	20.000	ng/ul	0.00
79) Chrysene-d12	21.157	240	1939905	20.000	ng/ul	0.00
88) Perylene-d12	23.369	264	1814559	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.075	96	16679	1.942	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.069	132	97910	4.168	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.687	128	41466	3.723	ng/ul	0.00
24) 2-Nitrophenol-d4	9.405	143	43927	3.602	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.940	165	91036	4.066	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.610	166	322924	4.157	ng/ul	0.00
49) Acenaphthylene-d8	13.875	160	403322	4.181	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.187	176	291775	4.404	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.039	188	460650	4.362	ng/ul	0.00
81) Pyrene-d10	19.351	212	492125	4.419	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.227	264	409751	3.905	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.111	88	16546	1.826	ng/uL#	84
12) 2-Chlorophenol	7.099	128	103609	4.258	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.340	70	74331	3.697	ng/ul	98
19) Hexachloroethane	8.599	117	40719	4.296	ng/ul	97
22) Nitrobenzene	8.728	77	102489	3.954	ng/ul	98
23) Isophorone	9.246	82	204890	3.825	ng/ul	100
25) 2-Nitrophenol	9.434	139	51668	3.869	ng/ul	98
26) 2,4-Dimethylphenol	9.505	107	115768	4.250	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.746	93	146030	4.338	ng/ul	99
29) 2,4-Dichlorophenol	9.963	162	93268	4.184	ng/ul	98
30) Naphthalene	10.357	128	363585	4.557	ng/ul	99
33) Hexachlorobutadiene	10.652	225	62019	4.552	ng/ul	98
35) 4-Chloro-3-methylphenol	11.616	107	101382	3.892	ng/ul	98
36) 2-Methylnaphthalene	11.981	142	246073	4.460	ng/ul	98
37) 1-Methylnaphthalene	12.204	142	257107	4.486	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.357	216	127943	4.414	ng/ul	97
41) 2,4,6-Trichlorophenol	12.610	196	74406	3.897	ng/ul	100
42) 2,4,5-Trichlorophenol	12.675	196	83106	3.901	ng/ul	98
43) 1,1'-Biphenyl	13.016	154	351424	4.465	ng/ul	99
44) 2-Chloronaphthalene	13.051	162	264320	4.429	ng/ul	98
45) 2-Nitroaniline	13.269	65	53688	3.319	ng/ul	98
47) Dimethylphthalate	13.657	163	335737	4.310	ng/ul	98
48) 2,6-Dinitrotoluene	13.781	165	51368	3.509	ng/ul	97
50) Acenaphthylene	13.904	152	434554	4.334	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.251	153	287495	4.419	ng/ul	99
56) Dibenzofuran	14.592	168	416919	4.466	ng/ul	99
57) 2,4-Dinitrotoluene	14.569	165	80798	3.676	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.822	232	70042	3.929	ng/ul	96
59) Diethylphthalate	15.034	149	330965	4.247	ng/ul	99
61) Fluorene	15.245	166	338910	4.584	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.251	204	167453	4.654	ng/ul	99
67) N-Nitrosodiphenylamine	15.463	169	285270	4.386	ng/ul	96
68) 4-Bromophenyl-phenylether	16.145	248	96172	4.187	ng/ul	95
69) Hexachlorobenzene	16.251	284	115487	4.083	ng/ul	100
72) Phenanthrene	16.986	178	536792	4.350	ng/ul	98
74) Anthracene	17.075	178	539667	4.355	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	12.975	216	128662	4.301	ng/uL	94
76) Pentachlorobenzene	14.510	250	139038	4.338	ng/uL	99
78) Di-n-butylphthalate	17.939	149	488692	3.705	ng/ul	98
80) Fluoranthene	19.016	202	600706	4.615	ng/ul	99
82) Pyrene	19.380	202	652660	4.802	ng/ul	98
83) Butylbenzylphthalate	20.310	149	173143	3.240	ng/ul	95
85) Benzo(a)anthracene	21.145	228	602006	4.384	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.104	149	289192	3.446	ng/ul	100
87) Chrysene	21.192	228	597698	4.452	ng/ul	99
90) Benzo(b)fluoranthene	22.704	252	540754	4.205	ng/ul	97
91) Benzo(k)fluoranthene	22.751	252	536513	4.371	ng/ul	98
93) Benzo(a)pyrene	23.269	252	517154	4.113	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.592	276	494018	3.312	ng/ul	98
95) Dibenzo(a,h)anthracene	25.610	278	429634	3.356	ng/ul	99
96) Benzo(g,h,i)perylene	26.274	276	412424	3.284	ng/ul	97

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

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