Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112221\
Data File : BN017539.D
Acq On : 22 Nov 2021 10:26
Operator : CG/JU
Sample : SSTD00545
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD005245

Quant Time: Nov 22 16:02:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN112221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 22 15:40:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	253203	20.000	ng/ul	0.00
20) Naphthalene-d8	10.634	136	1106859	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	705568	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.222	188	1470892	20.000	ng/ul	0.00
79) Chrysene-d12	21.410	240	1415150	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	1240114	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	14307	2.024	ng/uL	-0.01
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	7.369	132	75486	4.325	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.987	128	31778	3.790	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.716	143	28145	3.392	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	66825	4.091	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.887	166	229649	4.477	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	289480	4.395	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.469	176	212698	4.916	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.316	188	327911	4.796	ng/ul	0.00
81) Pyrene-d10	19.616	212	377311	4.200	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	283130	4.343	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	12787	1.828	ng/uL	97
12) 2-Chlorophenol	7.405	128	79790	4.436	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.640	70	59398	4.203	ng/ul#	95
19) Hexachloroethane	8.922	117	33787	4.446	ng/ul	93
22) Nitrobenzene	9.034	77	87108	4.110	ng/ul	95
23) Isophorone	9.557	82	156874	3.955	ng/ul	96
25) 2-Nitrophenol	9.746	139	34190	3.736	ng/ul#	89
26) 2,4-Dimethylphenol	9.810	107	93221	4.405	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.046	93	117070	4.535	ng/ul	98
29) 2,4-Dichlorophenol	10.281	162	73235	4.447	ng/ul	97
30) Naphthalene	10.687	128	286123	4.832	ng/ul	99
33) Hexachlorobutadiene	10.987	225	48796	4.504	ng/ul	93
35) 4-Chloro-3-methylphenol	11.916	107	76853	4.148	ng/ul	98
36) 2-Methylnaphthalene	12.298	142	193838	4.905	ng/ul	100
37) 1-Methylnaphthalene	12.516	142	192681	4.815	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.669	216	98268	4.696	ng/ul	93
41) 2,4,6-Trichlorophenol	12.910	196	49818	3.897	ng/ul	97
42) 2,4,5-Trichlorophenol	12.975	196	57252	4.107	ng/ul	96
43) 1,1'-Biphenyl	13.310	154	263872	4.742	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	199467	4.714	ng/ul	98
45) 2-Nitroaniline	13.545	65	39348	3.360	ng/ul	91
47) Dimethylphthalate	13.934	163	233926	4.600	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	33171	3.476	ng/ul#	80
50) Acenaphthylene	14.193	152	316110	4.709	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52)	Acenaphthene	14.540	153	210548	4.865	ng/ul	99
56)	Dibenzofuran	14.875	168	308513	4.966	ng/ul	100
57)	2,4-Dinitrotoluene	14.828	165	50612	3.743	ng/ul	90
58)	2,3,4,6-Tetrachlorophenol	15.098	232	41882	4.060	ng/ul	98
59)	Diethylphthalate	15.298	149	231069	4.537	ng/ul	98
61)	Fluorene	15.522	166	247642	5.310	ng/ul	96
62)	4-Chlorophenyl-phenyle...	15.522	204	120479	5.293	ng/ul	93
67)	N-Nitrosodiphenylamine	15.728	169	200439	4.521	ng/ul	98
68)	4-Bromophenyl-phenylether	16.416	248	64174	4.419	ng/ul#	91
69)	Hexachlorobenzene	16.534	284	72302	4.671	ng/ul#	90
72)	Phenanthrene	17.263	178	392480	4.890	ng/ul	99
74)	Anthracene	17.351	178	388908	4.887	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.275	216	98011	4.250	ng/uL	92
76)	Pentachlorobenzene	14.798	250	96322	4.593	ng/uL	96
78)	Di-n-butylphthalate	18.198	149	334913	4.035	ng/ul#	99
80)	Fluoranthene	19.280	202	444494	4.113	ng/ul	100
82)	Pyrene	19.639	202	469605	4.341	ng/ul	99
83)	Butylbenzylphthalate	20.551	149	126997	3.215	ng/ul	90
85)	Benzo(a)anthracene	21.392	228	438627	4.679	ng/ul	96
86)	Bis(2-ethylhexyl)phtha...	21.339	149	210017	3.674	ng/ul#	99
87)	Chrysene	21.445	228	444804	4.829	ng/ul	99
90)	Benzo(b)fluoranthene	23.057	252	396334	4.622	ng/ul	99
91)	Benzo(k)fluoranthene	23.104	252	386187	4.770	ng/ul	98
93)	Benzo(a)pyrene	23.674	252	375985	4.618	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	26.215	276	352917	4.175	ng/ul	100
95)	Dibenzo(a,h)anthracene	26.233	278	297968	4.150	ng/ul	98
96)	Benzo(g,h,i)perylene	26.968	276	291617	4.036	ng/ul	98

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

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