Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020724\
Data File : BN029538.D
Acq On : 07 Feb 2024 09:34
Operator : MA/JU
Sample : SSTD00508
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD005232

Quant Time: Feb 07 14:08:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 07 13:56:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	158940	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	629101	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	322540	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.280	188	622270	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	538650	20.000	ng/ul	0.00
88) Perylene-d12	23.857	264	602589	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	9664	2.000	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	7.410	132	47009	4.364	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.051	128	19891	4.074	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	16180	3.805	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	35759	4.260	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.951	166	110282	4.593	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	124515	4.366	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.522	176	95704	4.685	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.375	188	130889	4.488	ng/ul	0.00
81) Pyrene-d10	19.674	212	142306	4.402	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.698	264	128869	4.274	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	9154	1.829	ng/uL	96
12) 2-Chlorophenol	7.446	128	51108	4.522	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.699	70	40704	4.468	ng/ul	98
19) Hexachloroethane	8.957	117	24262	4.626	ng/ul	97
22) Nitrobenzene	9.093	77	61450	4.442	ng/ul	98
23) Isophorone	9.616	82	104199	4.324	ng/ul	99
25) 2-Nitrophenol	9.804	139	18359	3.781	ng/ul	94
26) 2,4-Dimethylphenol	9.863	107	52194	4.485	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.110	93	69736	4.554	ng/ul	96
29) 2,4-Dichlorophenol	10.334	162	38160	4.400	ng/ul	94
30) Naphthalene	10.734	128	174434	4.851	ng/ul	99
33) Hexachlorobutadiene	11.010	225	26210	4.897	ng/ul	93
35) 4-Chloro-3-methylphenol	11.975	107	40303	4.023	ng/ul	92
36) 2-Methylnaphthalene	12.351	142	100446	4.557	ng/ul	97
37) 1-Methylnaphthalene	12.569	142	104246	4.770	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.710	216	45568	4.766	ng/ul	92
41) 2,4,6-Trichlorophenol	12.963	196	21800	3.956	ng/ul	87
42) 2,4,5-Trichlorophenol	13.028	196	25984	4.196	ng/ul	94
43) 1,1'-Biphenyl	13.363	154	129249	4.752	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	99096	4.687	ng/ul	99
45) 2-Nitroaniline	13.616	65	22382	3.601	ng/ul	99
47) Dimethylphthalate	13.998	163	112744	4.587	ng/ul	100
48) 2,6-Dinitrotoluene	14.122	165	15957	3.628	ng/ul	94
50) Acenaphthylene	14.251	152	153559	4.487	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.592	153	106694	4.719	ng/ul	97
56) Dibenzofuran	14.928	168	144288	4.833	ng/ul	99
57) 2,4-Dinitrotoluene	14.904	165	22651	3.658	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.151	232	17385	3.956	ng/ul	93
59) Diethylphthalate	15.363	149	112540	4.457	ng/ul	98
61) Fluorene	15.581	166	113369	4.804	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.581	204	52600	4.984	ng/ul	95
67) N-Nitrosodiphenylamine	15.792	169	88792	4.579	ng/ul	97
68) 4-Bromophenyl-phenylether	16.475	248	26429	4.487	ng/ul	98
69) Hexachlorobenzene	16.575	284	31804	4.791	ng/ul	97
72) Phenanthrene	17.322	178	172383	4.789	ng/ul	98
74) Anthracene	17.410	178	166115	4.598	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.322	216	44285	4.850	ng/uL	94
76) Pentachlorobenzene	14.839	250	39512	4.832	ng/uL	98
78) Di-n-butylphthalate	18.269	149	157897	3.979	ng/ul	99
80) Fluoranthene	19.345	202	172060	4.382	ng/ul	98
82) Pyrene	19.704	202	190205	4.579	ng/ul	98
83) Butylbenzylphthalate	20.627	149	60948	3.600	ng/ul	98
85) Benzo(a)anthracene	21.463	228	180751	4.568	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	102870	3.928	ng/ul	98
87) Chrysene	21.516	228	172125	4.642	ng/ul	96
90) Benzo(b)fluoranthene	23.133	252	176225	4.643	ng/ul	98
91) Benzo(k)fluoranthene	23.180	252	172819	4.448	ng/ul	97
93) Benzo(a)pyrene	23.745	252	157515	4.327	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.309	276	202015	4.554	ng/ul	92
95) Dibenzo(a,h)anthracene	26.339	278	161649	4.467	ng/ul	97
96) Benzo(g,h,i)perylene	27.056	276	170443	4.596	ng/ul	99

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

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