Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032824\
Data File : BN030517.D
Acq On : 28 Mar 2024 10:06
Operator : MA/JU
Sample : SSTD00532
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD005210

Quant Time: Mar 28 12:59:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 28 12:36:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	227837	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	1026532	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	726631	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	1597635	20.000	ng/ul	0.00
79) Chrysene-d12	21.345	240	1453862	20.000	ng/ul	0.00
88) Perylene-d12	24.298	264	1492155	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	10106	1.921	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	7.246	132	59916	4.203	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.869	128	30560	4.395	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	22189	3.571	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	60712	4.377	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.769	166	231068	4.597	ng/ul	0.00
49) Acenaphthylene-d8	14.045	160	257611	4.524	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.351	176	212677	4.907	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.198	188	330732	4.807	ng/ul	0.00
81) Pyrene-d10	19.498	212	377532	4.967	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.092	264	292220	4.204	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	10624	1.888	ng/uL	97
12) 2-Chlorophenol	7.275	128	68369	4.426	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.516	70	54703	3.788	ng/ul	97
19) Hexachloroethane	8.787	117	30515	4.799	ng/ul	96
22) Nitrobenzene	8.910	77	80224	4.454	ng/ul	97
23) Isophorone	9.434	82	150338	3.858	ng/ul	99
25) 2-Nitrophenol	9.616	139	29469	4.030	ng/ul	95
26) 2,4-Dimethylphenol	9.675	107	78876	4.453	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.916	93	105804	4.391	ng/ul	99
29) 2,4-Dichlorophenol	10.140	162	65680	4.636	ng/ul	98
30) Naphthalene	10.546	128	263896	4.956	ng/ul	99
33) Hexachlorobutadiene	10.834	225	45635	5.395	ng/ul	97
35) 4-Chloro-3-methylphenol	11.781	107	70037	4.060	ng/ul	100
36) 2-Methylnaphthalene	12.169	142	178825	4.774	ng/ul	99
37) 1-Methylnaphthalene	12.387	142	182262	4.822	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.534	216	93425	5.182	ng/ul	95
41) 2,4,6-Trichlorophenol	12.775	196	47270	4.144	ng/ul	91
42) 2,4,5-Trichlorophenol	12.845	196	56058	4.421	ng/ul	99
43) 1,1'-Biphenyl	13.187	154	250171	4.985	ng/ul	99
44) 2-Chloronaphthalene	13.228	162	192495	4.939	ng/ul	99
45) 2-Nitroaniline	13.434	65	39851	3.701	ng/ul	98
47) Dimethylphthalate	13.816	163	242654	4.626	ng/ul	100
48) 2,6-Dinitrotoluene	13.934	165	34541	3.795	ng/ul#	87
50) Acenaphthylene	14.075	152	310969	4.667	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.416	153	214337	4.886	ng/ul	99
56) Dibenzofuran	14.757	168	306567	5.086	ng/ul	98
57) 2,4-Dinitrotoluene	14.716	165	51529	3.850	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.981	232	45240	4.235	ng/ul	97
59) Diethylphthalate	15.187	149	239573	4.472	ng/ul	99
61) Fluorene	15.404	166	252009	5.047	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.404	204	123668	5.167	ng/ul	96
67) N-Nitrosodiphenylamine	15.616	169	207312	4.720	ng/ul	98
68) 4-Bromophenyl-phenylether	16.298	248	71430	4.826	ng/ul	96
69) Hexachlorobenzene	16.398	284	87339	5.008	ng/ul	96
72) Phenanthrene	17.145	178	415991	5.034	ng/ul	98
74) Anthracene	17.233	178	411796	4.887	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.145	216	93680	5.064	ng/uL	96
76) Pentachlorobenzene	14.669	250	96352	5.015	ng/uL	95
78) Di-n-butylphthalate	18.086	149	372159	3.986	ng/ul	99
80) Fluoranthene	19.163	202	446591	4.860	ng/ul	97
82) Pyrene	19.527	202	498921	5.199	ng/ul	99
83) Butylbenzylphthalate	20.445	149	138125	3.656	ng/ul	95
85) Benzo(a)anthracene	21.327	228	474487	4.842	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.269	149	212712	3.610	ng/ul	98
87) Chrysene	21.386	228	456724	5.032	ng/ul	100
90) Benzo(b)fluoranthene	23.363	252	396472	4.532	ng/ul	99
91) Benzo(k)fluoranthene	23.421	252	414273	4.602	ng/ul	99
93) Benzo(a)pyrene	24.157	252	369455	4.433	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.615	276	361026	3.871	ng/ul	100
95) Dibenzo(a,h)anthracene	27.680	278	314083	4.016	ng/ul	98
96) Benzo(g,h,i)perylene	28.645	276	288833	3.931	ng/ul	97

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

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