Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031685.D
Acq On : 29 May 2024 11:20
Operator : MA/JU
Sample : SSTD00568
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 29 13:37:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 13:30:10 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD005203

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	521062	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	2307096	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	1542394	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	3256390	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	3173145	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	3612585	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	25211	1.918	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	7.216	132	161095	4.781	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.834	128	80385	4.526	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	77590	4.483	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	158327	4.723	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.740	166	531274	5.255	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	604088	4.893	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.316	176	460982	5.301	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.169	188	704246	5.031	ng/ul	0.00
81) Pyrene-d10	19.463	212	821935	4.121	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.027	264	792525	4.604	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	27671	2.001	ng/uL	95
12) 2-Chlorophenol	7.246	128	170423	4.824	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.487	70	140403	5.053	ng/ul	96
19) Hexachloroethane	8.758	117	73590	4.887	ng/ul	97
22) Nitrobenzene	8.881	77	198291	4.596	ng/ul	99
23) Isophorone	9.405	82	414707	4.924	ng/ul	98
25) 2-Nitrophenol	9.587	139	88324	4.616	ng/ul	95
26) 2,4-Dimethylphenol	9.646	107	185371	4.781	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.887	93	264374	4.966	ng/ul	98
29) 2,4-Dichlorophenol	10.110	162	159322	4.819	ng/ul	98
30) Naphthalene	10.516	128	591229	4.916	ng/ul	99
33) Hexachlorobutadiene	10.799	225	98675	4.941	ng/ul	96
35) 4-Chloro-3-methylphenol	11.751	107	182096	4.936	ng/ul	100
36) 2-Methylnaphthalene	12.134	142	406580	5.081	ng/ul	99
37) 1-Methylnaphthalene	12.357	142	415898	5.221	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.504	216	197233	4.553	ng/ul	98
41) 2,4,6-Trichlorophenol	12.746	196	125686	4.582	ng/ul	100
42) 2,4,5-Trichlorophenol	12.810	196	138091	4.633	ng/ul	96
43) 1,1'-Biphenyl	13.157	154	548876	4.935	ng/ul	98
44) 2-Chloronaphthalene	13.193	162	423739	4.819	ng/ul	98
45) 2-Nitroaniline	13.404	65	108600	4.572	ng/ul	95
47) Dimethylphthalate	13.787	163	548748	5.312	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	92939	4.654	ng/ul	89
50) Acenaphthylene	14.045	152	697348	4.908	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52)	Acenaphthene	14.387	153	465197	5.025	ng/ul	97
56)	Dibenzofuran	14.722	168	638755	5.156	ng/ul	100
57)	2,4-Dinitrotoluene	14.693	165	138968	5.061	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	14.945	232	116360	5.172	ng/ul	97
59)	Diethylphthalate	15.157	149	556295	5.571	ng/ul	99
61)	Fluorene	15.375	166	543270	5.556	ng/ul	96
62)	4-Chlorophenyl-phenyle...	15.375	204	260805	5.490	ng/ul	98
67)	N-Nitrosodiphenylamine	15.587	169	455318	4.764	ng/ul	99
68)	4-Bromophenyl-phenylether	16.269	248	157704	4.826	ng/ul	93
69)	Hexachlorobenzene	16.369	284	177127	4.934	ng/ul	95
72)	Phenanthrene	17.110	178	858364	5.154	ng/ul	99
74)	Anthracene	17.198	178	875739	5.214	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.116	216	203548	4.130	ng/uL	96
76)	Pentachlorobenzene	14.634	250	204310	4.446	ng/uL	96
78)	Di-n-butylphthalate	18.045	149	991109	5.707	ng/ul	99
80)	Fluoranthene	19.128	202	1005973	4.071	ng/ul	99
82)	Pyrene	19.492	202	1052795	4.186	ng/ul	99
83)	Butylbenzylphthalate	20.404	149	445648	4.881	ng/ul	98
85)	Benzo(a)anthracene	21.286	228	1065740	4.939	ng/ul	96
86)	Bis(2-ethylhexyl)phtha...	21.222	149	728255	5.779	ng/ul	99
87)	Chrysene	21.345	228	1022646	5.079	ng/ul	98
90)	Benzo(b)fluoranthene	23.304	252	1022977	4.748	ng/ul	99
91)	Benzo(k)fluoranthene	23.369	252	1048816	4.844	ng/ul	100
93)	Benzo(a)pyrene	24.098	252	961131	4.714	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	27.527	276	1091747	4.508	ng/ul	98
95)	Dibenzo(a,h)anthracene	27.592	278	903985	4.541	ng/ul	97
96)	Benzo(g,h,i)perylene	28.556	276	884854m	4.462	ng/ul	

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

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