Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101624\
Data File : BN034606.D
Acq On : 16 Oct 2024 12:00
Operator : RC/JU
Sample : SSTD00586
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD005224

Quant Time: Oct 16 15:20:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 14:56:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	206055	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	847346	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	495960	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.045	188	959494	20.000	ng/ul	0.00
79) Chrysene-d12	21.268	240	866771	20.000	ng/ul	0.00
88) Perylene-d12	24.162	264	1001257	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	10805	2.114	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	7.199	132	59588	4.159	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.804	128	25798	3.861	ng/ul	0.00
24) 2-Nitrophenol-d4	9.522	143	17732	2.692	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	48882	3.804	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.716	166	149757	4.107	ng/ul	0.00
49) Acenaphthylene-d8	13.986	160	187012	4.470	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.292	176	133276	4.285	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.139	188	200635	4.457	ng/ul	0.00
81) Pyrene-d10	19.433	212	219310	4.559	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.962	264	211337	4.120	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	10661	1.950	ng/uL	94
12) 2-Chlorophenol	7.228	128	63673	4.325	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.469	70	47845	4.106	ng/ul	97
19) Hexachloroethane	8.740	117	27164	4.365	ng/ul	97
22) Nitrobenzene	8.846	77	63805	3.836	ng/ul	95
23) Isophorone	9.375	82	131440	4.228	ng/ul	99
25) 2-Nitrophenol	9.551	139	20738	2.800	ng/ul	95
26) 2,4-Dimethylphenol	9.622	107	64704	4.102	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.863	93	82124	4.289	ng/ul	100
29) 2,4-Dichlorophenol	10.087	162	50228	3.862	ng/ul	99
30) Naphthalene	10.493	128	206231	4.418	ng/ul	98
33) Hexachlorobutadiene	10.793	225	32353	3.924	ng/ul	98
35) 4-Chloro-3-methylphenol	11.722	107	53545	3.526	ng/ul	96
36) 2-Methylnaphthalene	12.110	142	135157	4.256	ng/ul	96
37) 1-Methylnaphthalene	12.328	142	138553	4.314	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.481	216	59458	4.224	ng/ul	98
41) 2,4,6-Trichlorophenol	12.716	196	30724	3.368	ng/ul	92
42) 2,4,5-Trichlorophenol	12.787	196	34609	3.445	ng/ul	97
43) 1,1'-Biphenyl	13.134	154	166601	4.455	ng/ul	97
44) 2-Chloronaphthalene	13.169	162	129182	4.441	ng/ul	99
45) 2-Nitroaniline	13.363	65	27256	3.014	ng/ul	96
47) Dimethylphthalate	13.763	163	152423	4.118	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	20478	2.870	ng/ul	96
50) Acenaphthylene	14.016	152	205122	4.496	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.363	153	143560	4.434	ng/ul	100
56) Dibenzofuran	14.698	168	189413	4.303	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	27729	2.608	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.922	232	23614	2.917	ng/ul	99
59) Diethylphthalate	15.139	149	151329	3.926	ng/ul	98
61) Fluorene	15.351	166	156147	4.336	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.357	204	70783	4.123	ng/ul	95
67) N-Nitrosodiphenylamine	15.563	169	130722	4.517	ng/ul	100
68) 4-Bromophenyl-phenylether	16.245	248	40573	4.225	ng/ul	99
69) Hexachlorobenzene	16.351	284	46651	4.222	ng/ul	95
72) Phenanthrene	17.080	178	239907	4.565	ng/ul	99
74) Anthracene	17.175	178	244979	4.550	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.092	216	58653	4.426	ng/uL	99
76) Pentachlorobenzene	14.616	250	56330	4.204	ng/uL	97
78) Di-n-butylphthalate	18.039	149	246557	3.976	ng/ul	100
80) Fluoranthene	19.098	202	259809	4.579	ng/ul	98
82) Pyrene	19.463	202	275396	4.500	ng/ul	99
83) Butylbenzylphthalate	20.392	149	80587	3.043	ng/ul	94
85) Benzo(a)anthracene	21.251	228	264714	4.302	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.227	149	136599	3.507	ng/ul	98
87) Chrysene	21.310	228	254045	4.327	ng/ul	98
90) Benzo(b)fluoranthene	23.245	252	251155	4.130	ng/ul	99
91) Benzo(k)fluoranthene	23.315	252	257077	4.264	ng/ul	95
93) Benzo(a)pyrene	24.021	252	239538	4.160	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.380	276	296184	4.150	ng/ul	98
95) Dibenzo(a,h)anthracene	27.456	278	240263	4.145	ng/ul	95
96) Benzo(g,h,i)perylene	28.380	276	232126	4.176	ng/ul	98

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

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