Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022825\
Data File : BN036516.D
Acq On : 28 Feb 2025 15:03
Operator : RC/JU
Sample : SSTD00511
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD005203

Quant Time: Mar 03 10:36:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 03 08:48:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	69736	20.000	ng/ul	0.00
20) Naphthalene-d8	10.510	136	314763	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.369	164	225400	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	463094	20.000	ng/ul	0.00
79) Chrysene-d12	21.345	240	495254	20.000	ng/ul	0.00
88) Perylene-d12	24.315	264	571457	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	3566	2.064	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	7.258	132	20140	4.411	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.875	128	10717	4.215	ng/ul	0.00
24) 2-Nitrophenol-d4	9.599	143	10464	3.683	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	20312	3.960	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.781	166	80430	4.750	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	85853	4.538	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.363	176	66333	4.667	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.210	188	107944	4.774	ng/ul	0.00
81) Pyrene-d10	19.504	212	124174	4.292	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.110	264	124687	4.175	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	3867	2.044	ng/uL	94
12) 2-Chlorophenol	7.293	128	22282	4.747	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.528	70	23204	5.400	ng/ul	99
19) Hexachloroethane	8.799	117	10757	4.940	ng/ul	98
22) Nitrobenzene	8.922	77	35162	4.940	ng/ul	96
23) Isophorone	9.446	82	63913	5.003	ng/ul	96
25) 2-Nitrophenol	9.628	139	12440	4.070	ng/ul	95
26) 2,4-Dimethylphenol	9.693	107	28121	4.476	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.928	93	37304	5.017	ng/ul	98
29) 2,4-Dichlorophenol	10.163	162	22156	4.303	ng/ul	98
30) Naphthalene	10.563	128	83752	4.887	ng/ul	97
33) Hexachlorobutadiene	10.851	225	16252	4.405	ng/ul	98
35) 4-Chloro-3-methylphenol	11.810	107	25610	4.198	ng/ul	95
36) 2-Methylnaphthalene	12.181	142	55996	4.659	ng/ul	97
37) 1-Methylnaphthalene	12.398	142	57714	4.884	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.551	216	30254	4.313	ng/ul	94
41) 2,4,6-Trichlorophenol	12.793	196	17937	3.955	ng/ul	95
42) 2,4,5-Trichlorophenol	12.869	196	19087	3.873	ng/ul	96
43) 1,1'-Biphenyl	13.198	154	79943	4.781	ng/ul	98
44) 2-Chloronaphthalene	13.240	162	61450	4.657	ng/ul	98
45) 2-Nitroaniline	13.445	65	20803	4.471	ng/ul	94
47) Dimethylphthalate	13.828	163	80821	4.742	ng/ul	99
48) 2,6-Dinitrotoluene	13.940	165	13831	4.122	ng/ul#	92
50) Acenaphthylene	14.087	152	96248	4.791	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.428	153	70333	4.872	ng/ul	98
56) Dibenzofuran	14.769	168	99055	4.948	ng/ul	98
57) 2,4-Dinitrotoluene	14.734	165	21519	4.263	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	14.992	232	16613	4.029	ng/ul#	98
59) Diethylphthalate	15.192	149	83386	4.735	ng/ul	99
61) Fluorene	15.416	166	80924	4.987	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.416	204	39676	4.786	ng/ul	97
67) N-Nitrosodiphenylamine	15.628	169	67981	4.831	ng/ul	98
68) 4-Bromophenyl-phenylether	16.304	248	21273	4.400	ng/ul	99
69) Hexachlorobenzene	16.422	284	24247	4.556	ng/ul	93
72) Phenanthrene	17.151	178	133028	5.065	ng/ul	100
74) Anthracene	17.245	178	133938	5.055	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.163	216	30007	4.273	ng/uL	96
76) Pentachlorobenzene	14.687	250	30744	4.462	ng/uL	94
78) Di-n-butylphthalate	18.086	149	140550	4.595	ng/ul	99
80) Fluoranthene	19.175	202	148114	4.346	ng/ul	98
82) Pyrene	19.533	202	165174	4.562	ng/ul	99
83) Butylbenzylphthalate	20.439	149	61101	3.965	ng/ul	97
85) Benzo(a)anthracene	21.333	228	163009	4.795	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.263	149	89939	4.054	ng/ul	100
87) Chrysene	21.392	228	163058	5.020	ng/ul	96
90) Benzo(b)fluoranthene	23.374	252	170081	4.569	ng/ul	98
91) Benzo(k)fluoranthene	23.439	252	167929	4.511	ng/ul	99
93) Benzo(a)pyrene	24.174	252	163144	4.924	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.645	276	195878	5.237	ng/ul	95
95) Dibenzo(a,h)anthracene	27.704	278	149709	5.033	ng/ul	95
96) Benzo(g,h,i)perylene	28.692	276	150572	5.269	ng/ul	99

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

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