Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051625\
Data File : BN037030.D
Acq On : 16 May 2025 12:53
Operator : RC/JU
Sample : SSTD00523
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD005217

Quant Time: May 16 16:07:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051625.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 16 15:12:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	76613	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	333300	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	220761	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.010	188	432171	20.000	ng/ul	0.00
79) Chrysene-d12	21.239	240	424865	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	385794	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	3636	1.937	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	7.146	132	21677	4.438	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.763	128	11308	4.401	ng/ul	0.00
24) 2-Nitrophenol-d4	9.481	143	11589	4.256	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	22436	4.503	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.675	166	74727	4.631	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	82277	4.582	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.257	176	63588	4.718	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.110	188	99595	4.813	ng/ul	0.00
81) Pyrene-d10	19.410	212	109278	4.422	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	82165	4.259	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.134	88	4215	1.961	ng/uL	89
12) 2-Chlorophenol	7.175	128	24722	4.769	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.416	70	23875	4.523	ng/ul	98
19) Hexachloroethane	8.681	117	11795	4.678	ng/ul	90
22) Nitrobenzene	8.804	77	37083	4.669	ng/ul	99
23) Isophorone	9.328	82	60448	4.417	ng/ul	98
25) 2-Nitrophenol	9.510	139	12856	4.317	ng/ul	97
26) 2,4-Dimethylphenol	9.581	107	29142	4.426	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.816	93	36934	4.685	ng/ul	98
29) 2,4-Dichlorophenol	10.040	162	22933	4.499	ng/ul	99
30) Naphthalene	10.440	128	85322	4.843	ng/ul	99
33) Hexachlorobutadiene	10.734	225	16126	4.698	ng/ul	95
35) 4-Chloro-3-methylphenol	11.687	107	27138	4.361	ng/ul	98
36) 2-Methylnaphthalene	12.063	142	56929	4.610	ng/ul	95
37) 1-Methylnaphthalene	12.287	142	58871	4.781	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.440	216	29640	4.711	ng/ul	98
41) 2,4,6-Trichlorophenol	12.687	196	17136	4.274	ng/ul	98
42) 2,4,5-Trichlorophenol	12.751	196	19685	4.523	ng/ul	96
43) 1,1'-Biphenyl	13.092	154	75798	4.694	ng/ul	100
44) 2-Chloronaphthalene	13.128	162	59821	4.856	ng/ul	99
45) 2-Nitroaniline	13.339	65	21455	4.131	ng/ul	96
47) Dimethylphthalate	13.722	163	75135	4.639	ng/ul	99
48) 2,6-Dinitrotoluene	13.839	165	12438	3.972	ng/ul#	96
50) Acenaphthylene	13.981	152	87019	4.579	ng/ul	97

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Sample : SSTD00523
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 16 15:12:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.328	153	66074	4.728	ng/ul	95
56) Dibenzofuran	14.663	168	93394	4.806	ng/ul	100
57) 2,4-Dinitrotoluene	14.634	165	18943	4.004	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.892	232	16555	4.432	ng/ul	97
59) Diethylphthalate	15.098	149	77049	4.482	ng/ul	98
61) Fluorene	15.316	166	76231	4.816	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.316	204	35533	4.634	ng/ul	92
67) N-Nitrosodiphenylamine	15.528	169	61872	4.699	ng/ul	98
68) 4-Bromophenyl-phenylether	16.210	248	19666	4.678	ng/ul	95
69) Hexachlorobenzene	16.322	284	21771	4.851	ng/ul	95
72) Phenanthrene	17.051	178	117435	4.847	ng/ul	96
74) Anthracene	17.145	178	120201	4.885	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	30023	4.880	ng/uL	96
76) Pentachlorobenzene	14.586	250	27984	4.953	ng/uL	93
78) Di-n-butylphthalate	17.992	149	125131	4.393	ng/ul	99
80) Fluoranthene	19.075	202	133409	4.523	ng/ul	97
82) Pyrene	19.439	202	142005	4.503	ng/ul	99
83) Butylbenzylphthalate	20.351	149	50689	4.017	ng/ul	96
85) Benzo(a)anthracene	21.221	228	130492	4.580	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.163	149	74374	4.072	ng/ul	97
87) Chrysene	21.280	228	128781	4.794	ng/ul	98
90) Benzo(b)fluoranthene	23.210	252	107211	4.464	ng/ul	98
91) Benzo(k)fluoranthene	23.268	252	110986	4.552	ng/ul	98
93) Benzo(a)pyrene	23.980	252	96796	4.437	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.345	276	103325	4.201	ng/ul	99
95) Dibenzo(a,h)anthracene	27.398	278	81768	4.095	ng/ul#	92
96) Benzo(g,h,i)perylene	28.339	276	79590	4.238	ng/ul	97

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

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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