Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071825\
Data File : BN037520.D
Acq On : 18 Jul 2025 12:38
Operator : RC/JU
Sample : SSTD00535
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD005231

Quant Time: Jul 18 15:11:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN071825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 18 15:02:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	87332	20.000	ng/ul	0.00
20) Naphthalene-d8	10.504	136	336375	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	209963	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	404361	20.000	ng/ul	0.00
79) Chrysene-d12	21.321	240	420217	20.000	ng/ul	0.00
88) Perylene-d12	24.262	264	449901	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	3416	2.052	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	7.252	132	24291	5.209	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.863	128	10556	4.231	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	8447	2.922	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	20610	3.319	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.769	166	68358	4.451	ng/ul	0.00
49) Acenaphthylene-d8	14.045	160	78119	4.568	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.345	176	61453	4.449	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.192	188	91426	4.573	ng/ul	0.00
81) Pyrene-d10	19.486	212	98898	4.338	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.057	264	97040	4.169	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	4243	2.218	ng/uL	95
12) 2-Chlorophenol	7.281	128	24788	5.238	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.522	70	16942	5.115	ng/ul#	94
19) Hexachloroethane	8.799	117	11355	4.812	ng/ul	93
22) Nitrobenzene	8.904	77	26164	3.992	ng/ul	99
23) Isophorone	9.434	82	47356	4.595	ng/ul	99
25) 2-Nitrophenol	9.616	139	9917	3.316	ng/ul	89
26) 2,4-Dimethylphenol	9.681	107	25947	4.343	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.916	93	31589	5.053	ng/ul	99
29) 2,4-Dichlorophenol	10.151	162	21360	3.510	ng/ul	94
30) Naphthalene	10.551	128	87282	5.107	ng/ul	98
33) Hexachlorobutadiene	10.851	225	16623	2.667	ng/ul	93
35) 4-Chloro-3-methylphenol	11.781	107	21674	4.321	ng/ul	95
36) 2-Methylnaphthalene	12.169	142	56262	4.405	ng/ul	94
37) 1-Methylnaphthalene	12.392	142	55665	4.450	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.539	216	29489	3.577	ng/ul	96
41) 2,4,6-Trichlorophenol	12.781	196	14760	3.149	ng/ul	95
42) 2,4,5-Trichlorophenol	12.845	196	17956	3.395	ng/ul	97
43) 1,1'-Biphenyl	13.187	154	73140	4.824	ng/ul	98
44) 2-Chloronaphthalene	13.222	162	56588	4.584	ng/ul	97
45) 2-Nitroaniline	13.422	65	10735	3.987	ng/ul	92
47) Dimethylphthalate	13.816	163	67912	4.527	ng/ul	98
48) 2,6-Dinitrotoluene	13.922	165	10604	3.561	ng/ul	92
50) Acenaphthylene	14.075	152	92403	4.983	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.416	153	61654	4.960	ng/ul	93
56) Dibenzofuran	14.751	168	85299	4.514	ng/ul	95
57) 2,4-Dinitrotoluene	14.710	165	15253	3.513	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.975	232	13378	3.004	ng/ul	97
59) Diethylphthalate	15.181	149	66771	4.671	ng/ul	99
61) Fluorene	15.404	166	70737	4.673	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.404	204	35673	3.950	ng/ul	95
67) N-Nitrosodiphenylamine	15.610	169	57869	5.035	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	20093	4.080	ng/ul#	85
69) Hexachlorobenzene	16.404	284	24587	4.414	ng/ul	96
72) Phenanthrene	17.133	178	109626	4.943	ng/ul	100
74) Anthracene	17.227	178	108747	4.830	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	29565	3.965	ng/uL	95
76) Pentachlorobenzene	14.675	250	29454	4.230	ng/uL	92
78) Di-n-butylphthalate	18.074	149	102661	4.883	ng/ul#	99
80) Fluoranthene	19.151	202	118057	4.533	ng/ul	98
82) Pyrene	19.510	202	128091	4.661	ng/ul	98
83) Butylbenzylphthalate	20.427	149	34141	3.966	ng/ul	99
85) Benzo(a)anthracene	21.304	228	128323	4.491	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.257	149	57395	4.332	ng/ul	98
87) Chrysene	21.363	228	125465	4.774	ng/ul	98
90) Benzo(b)fluoranthene	23.333	252	116381	4.225	ng/ul	98
91) Benzo(k)fluoranthene	23.392	252	123669	4.367	ng/ul	99
93) Benzo(a)pyrene	24.121	252	109470	4.197	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.556	276	138923	3.989	ng/ul	99
95) Dibenzo(a,h)anthracene	27.627	278	116042	4.050	ng/ul	99
96) Benzo(g,h,i)perylene	28.586	276	115957	4.072	ng/ul	95

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

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