Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080625\
Data File : BN037570.D
Acq On : 06 Aug 2025 13:50
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020377

Quant Time: Aug 06 15:50:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN071825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 18 16:22:45 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	68228	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	279635	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.351	164	191629	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.086	188	386375	20.000	ng/ul	-0.01
79) Chrysene-d12	21.316	240	461792	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	518211	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	11128	7.730	ng/uL	0.00
4) Pyridine-d5	3.605	84	78551	18.922	ng/ul	0.00
7) Phenol-d5	6.881	99	96047	19.107	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	59728	19.634	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	83959	19.604	ng/ul	0.00
15) 4-Methylphenol-d8	8.416	113	81091	19.611	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	42233	20.094	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	36705	19.000	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	80908	20.100	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	121305	20.268	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	268614	19.750	ng/ul	0.00
49) Acenaphthylene-d8	14.039	160	318364	19.939	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	51752	19.969	ng/ul	-0.01
60) Fluorene-d10	15.345	176	241845	20.596	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	37123	17.330	ng/ul	0.00
73) Anthracene-d10	17.186	188	396321	20.848	ng/ul	0.00
81) Pyrene-d10	19.480	212	459791	18.954	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.057	264	527887	20.200	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	11907	7.445	ng/uL#	90
5) Pyridine	3.628	79	82348	19.295	ng/ul	93
6) Benzaldehyde	6.852	77	61179	26.149	ng/ul	94
8) Phenol	6.905	94	99747	19.298	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.140	93	80345	19.127	ng/ul	97
12) 2-Chlorophenol	7.281	128	88127	20.190	ng/ul	96
13) 2-Methylphenol	8.152	108	74960	19.183	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.246	45	121543	20.005	ng/ul	99
16) Acetophenone	8.528	105	137839	21.312	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.522	70	62267	20.710	ng/ul	94
18) 4-Methylphenol	8.475	108	83471	19.775	ng/ul	97
19) Hexachloroethane	8.793	117	41405	22.144	ng/ul	95
22) Nitrobenzene	8.904	77	100577	21.013	ng/ul	98
23) Isophorone	9.434	82	174958	20.013	ng/ul	97
25) 2-Nitrophenol	9.616	139	42504	19.230	ng/ul#	89
26) 2,4-Dimethylphenol	9.675	107	99271	21.306	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.916	93	110701	19.510	ng/ul	97
29) 2,4-Dichlorophenol	10.146	162	83497	20.618	ng/ul	96
30) Naphthalene	10.546	128	299735	20.157	ng/ul	99
32) 4-Chloroaniline	10.651	127	122952	20.509	ng/ul	99
33) Hexachlorobutadiene	10.846	225	61843	22.089	ng/ul	98
34) Caprolactam	11.404	113	24491	18.983	ng/ul	84
35) 4-Chloro-3-methylphenol	11.781	107	90620	21.678	ng/ul	99
36) 2-Methylnaphthalene	12.163	142	209213	20.602	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.387	142	208168	20.896	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.540	216	110181	19.269	ng/ul	99
40) Hexachlorocyclopentadiene	12.528	237	71240	19.577	ng/ul	96
41) 2,4,6-Trichlorophenol	12.775	196	63998	18.962	ng/ul	97
42) 2,4,5-Trichlorophenol	12.845	196	75077	19.585	ng/ul	92
43) 1,1'-Biphenyl	13.187	154	282553	19.599	ng/ul	98
44) 2-Chloronaphthalene	13.222	162	215633	19.280	ng/ul	97
45) 2-Nitroaniline	13.416	65	55422	20.746	ng/ul	94
47) Dimethylphthalate	13.810	163	274811	20.502	ng/ul	98
48) 2,6-Dinitrotoluene	13.922	165	51484	20.192	ng/ul	89
50) Acenaphthylene	14.069	152	365965	20.054	ng/ul	98
51) 3-Nitroaniline	14.245	138	54640	21.649	ng/ul	96
52) Acenaphthene	14.416	153	242953	20.491	ng/ul	96
53) 2,4-Dinitrophenol	14.451	184	22504	16.904	ng/ul	86
55) 4-Nitrophenol	14.551	109	46506	25.126	ng/ul	84
56) Dibenzofuran	14.751	168	338060	20.572	ng/ul	93
57) 2,4-Dinitrotoluene	14.704	165	82015	22.001	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	14.975	232	63042	21.003	ng/ul	96
59) Diethylphthalate	15.181	149	287580	21.347	ng/ul	99
61) Fluorene	15.398	166	290845	21.660	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.398	204	142837	21.756	ng/ul	98
63) 4-Nitroaniline	15.404	138	60834	25.387	ng/ul#	88
66) 4,6-Dinitro-2-methylph...	15.469	198	40763	17.673	ng/ul#	90
67) N-Nitrosodiphenylamine	15.610	169	239985	19.972	ng/ul	100
68) 4-Bromophenyl-phenylether	16.292	248	84845	19.913	ng/ul#	88
69) Hexachlorobenzene	16.404	284	101904	20.160	ng/ul	94
70) Atrazine	16.563	200	88034	20.346	ng/ul	95
71) Pentachlorophenol	16.739	266	58102	18.552	ng/ul	98
72) Phenanthrene	17.133	178	451780	20.595	ng/ul	99
74) Anthracene	17.222	178	463049	20.795	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.145	216	110499	17.872	ng/uL	98
76) Pentachlorobenzene	14.669	250	115666	19.099	ng/uL	97
77) Carbazole	17.486	167	420483	21.362	ng/ul	98
78) Di-n-butylphthalate	18.069	149	513446	21.667	ng/ul#	98
80) Fluoranthene	19.145	202	535373	18.591	ng/ul	99
82) Pyrene	19.510	202	583213	19.402	ng/ul	97
83) Butylbenzylphthalate	20.422	149	207902	19.929	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.227	252	174007	19.756	ng/ul	94
85) Benzo(a)anthracene	21.304	228	609604	20.307	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	353341	20.397	ng/ul	98
87) Chrysene	21.363	228	586048	20.566	ng/ul	97
89) Di-n-octyl phthalate	22.363	149	557878	17.478	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	622758	20.450	ng/ul	98
91) Benzo(k)fluoranthene	23.392	252	612874	19.396	ng/ul	98
93) Benzo(a)pyrene	24.121	252	593512	20.315	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.568	276	763202m	20.584	ng/ul	
95) Dibenzo(a,h)anthracene	27.621	278	641010	20.714	ng/ul	99
96) Benzo(g,h,i)perylene	28.580	276	622878	20.762	ng/ul	97

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

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