Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050225\
Data File : BN036956.D
Acq On : 02 May 2025 13:16
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020367

Quant Time: May 02 14:54:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041525.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 15 15:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	45237	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	203583	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.275	164	145982	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.022	188	304492	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	335761	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	363826	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	8701	7.735	ng/uL	0.00
4) Pyridine-d5	3.517	84	70231	20.561	ng/ul	0.00
7) Phenol-d5	6.799	99	78134	19.651	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	58354	20.093	ng/ul	0.00
11) 2-Chlorophenol-d4	7.158	132	59803	20.863	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	65386	20.086	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	31933	20.339	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	34381	20.827	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	63841	21.002	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	94503	20.751	ng/ul	0.00
46) Dimethylphthalate-d6	13.693	166	215518	20.087	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	247944	20.926	ng/ul	0.00
54) 4-Nitrophenol-d4	14.481	143	42234	20.657	ng/ul	0.00
60) Fluorene-d10	15.269	176	186755	20.863	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.398	200	38901	19.347	ng/ul	0.00
73) Anthracene-d10	17.122	188	308689	21.078	ng/ul	0.00
81) Pyrene-d10	19.422	212	363995	18.469	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	382209	20.946	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	10222	8.017	ng/uL	98
5) Pyridine	3.534	79	71957	20.382	ng/ul	92
6) Benzaldehyde	6.769	77	53897	26.817	ng/ul	99
8) Phenol	6.822	94	84874	20.034	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.052	93	66207	19.694	ng/ul	96
12) 2-Chlorophenol	7.187	128	64052	21.035	ng/ul	96
13) 2-Methylphenol	8.069	108	61492	20.067	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.146	45	134000	20.247	ng/ul	98
16) Acetophenone	8.446	105	113366	21.001	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.434	70	66229	21.170	ng/ul	89
18) 4-Methylphenol	8.399	108	69669	20.146	ng/ul	99
19) Hexachloroethane	8.699	117	32433	21.936	ng/ul	96
22) Nitrobenzene	8.816	77	103567	21.403	ng/ul	96
23) Isophorone	9.346	82	170771	20.350	ng/ul	100
25) 2-Nitrophenol	9.528	139	38514	21.204	ng/ul	95
26) 2,4-Dimethylphenol	9.593	107	86624	21.545	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.828	93	99853	20.734	ng/ul	100
29) 2,4-Dichlorophenol	10.057	162	66109	21.226	ng/ul	99
30) Naphthalene	10.457	128	230406	21.452	ng/ul	100
32) 4-Chloroaniline	10.569	127	90490	20.841	ng/ul	98
33) Hexachlorobutadiene	10.746	225	46033	21.825	ng/ul	95
34) Caprolactam	11.334	113	20547m	19.539	ng/ul	
35) 4-Chloro-3-methylphenol	11.704	107	82112	21.497	ng/ul	97
36) 2-Methylnaphthalene	12.075	142	161585	21.367	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	160731	21.349	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.451	216	82658	19.849	ng/ul#	98
40) Hexachlorocyclopentadiene	12.434	237	49503	19.640	ng/ul	100
41) 2,4,6-Trichlorophenol	12.698	196	53470	20.098	ng/ul	94
42) 2,4,5-Trichlorophenol	12.763	196	59728	20.617	ng/ul	97
43) 1,1'-Biphenyl	13.104	154	215529	20.208	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	165286	20.308	ng/ul	98
45) 2-Nitroaniline	13.351	65	71526	20.977	ng/ul	94
47) Dimethylphthalate	13.740	163	218896	20.524	ng/ul	99
48) 2,6-Dinitrotoluene	13.857	165	42044	20.329	ng/ul	96
50) Acenaphthylene	13.998	152	257622	20.516	ng/ul	98
51) 3-Nitroaniline	14.181	138	42885	20.524	ng/ul	99
52) Acenaphthene	14.340	153	194438	21.022	ng/ul	95
53) 2,4-Dinitrophenol	14.392	184	26694	19.550	ng/ul	97
55) 4-Nitrophenol	14.492	109	53788	23.487	ng/ul	99
56) Dibenzofuran	14.675	168	271838	21.170	ng/ul	100
57) 2,4-Dinitrotoluene	14.645	165	65248	20.882	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.904	232	51198	20.842	ng/ul#	99
59) Diethylphthalate	15.110	149	245762	21.472	ng/ul	98
61) Fluorene	15.328	166	222612	21.221	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.328	204	107506	21.235	ng/ul	98
63) 4-Nitroaniline	15.345	138	47824	23.786	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.410	198	43039	19.912	ng/ul#	99
67) N-Nitrosodiphenylamine	15.539	169	191603	20.752	ng/ul	93
68) 4-Bromophenyl-phenylether	16.222	248	61549	20.732	ng/ul	93
69) Hexachlorobenzene	16.334	284	66537	20.938	ng/ul	97
70) Atrazine	16.498	200	69879	20.037	ng/ul	99
71) Pentachlorophenol	16.675	266	43614	19.093	ng/ul	97
72) Phenanthrene	17.063	178	357607	20.934	ng/ul	99
74) Anthracene	17.157	178	362848	20.964	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.063	216	84297	19.477	ng/uL	95
76) Pentachlorobenzene	14.598	250	83039	20.807	ng/uL	96
77) Carbazole	17.428	167	337538	21.410	ng/ul	96
78) Di-n-butylphthalate	18.004	149	436754	21.932	ng/ul	99
80) Fluoranthene	19.086	202	426700	18.253	ng/ul	97
82) Pyrene	19.451	202	460241	18.348	ng/ul	99
83) Butylbenzylphthalate	20.363	149	204261	20.523	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.169	252	138184	23.146	ng/ul	99
85) Benzo(a)anthracene	21.239	228	463801	20.497	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.174	149	319140	22.416	ng/ul	99
87) Chrysene	21.298	228	454720	21.343	ng/ul	98
89) Di-n-octyl phthalate	22.274	149	519908	18.633	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	461900	20.273	ng/ul	98
91) Benzo(k)fluoranthene	23.298	252	467419	20.377	ng/ul	98
93) Benzo(a)pyrene	24.010	252	446409	21.691	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.386	276	524389	22.805	ng/ul	98
95) Dibenzo(a,h)anthracene	27.439	278	433123	23.149	ng/ul	98
96) Benzo(g,h,i)perylene	28.398	276	404424	23.072	ng/ul	97

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

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