Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041525\
Data File : BN036912.D
Acq On : 15 Apr 2025 11:38
Operator : RC/JU
Sample : SSTD01018
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD010211

Quant Time: Apr 15 14:58:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041525.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 15 14:57:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	61687	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	270542	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	181260	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.028	188	378392	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	394099	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	396860	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	6505	4.150	ng/uL	0.00
4) Pyridine-d5	3.522	84	45277	9.566	ng/ul	0.00
7) Phenol-d5	6.805	99	49364	8.605	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	38490	9.414	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	37165	9.170	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	40513	8.558	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128	20271	9.724	ng/ul	0.00
24) 2-Nitrophenol-d4	9.499	143	20585	9.324	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	39528	9.892	ng/ul	0.00
31) 4-Chloroaniline-d4	10.551	131	58656	9.513	ng/ul	0.00
46) Dimethylphthalate-d6	13.692	166	137342	10.243	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	147088	9.860	ng/ul	0.00
54) 4-Nitrophenol-d4	14.481	143	23318	8.780	ng/ul	0.00
60) Fluorene-d10	15.275	176	115933	10.294	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	21390	8.392	ng/ul	0.00
73) Anthracene-d10	17.128	188	181969	9.903	ng/ul	0.00
81) Pyrene-d10	19.422	212	209251	9.695	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	195249	10.028	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.146	88	7306	4.225	ng/uL	97
5) Pyridine	3.540	79	47100	9.559	ng/ul	92
6) Benzaldehyde	6.775	77	35680	10.958	ng/ul	93
8) Phenol	6.828	94	54914	8.983	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.057	93	44232	9.217	ng/ul	97
12) 2-Chlorophenol	7.193	128	40736	9.538	ng/ul	96
13) 2-Methylphenol	8.075	108	38525	8.711	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.152	45	88213	9.549	ng/ul	98
16) Acetophenone	8.446	105	74762	9.404	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.434	70	42169	9.362	ng/ul	94
18) 4-Methylphenol	8.399	108	45506	9.024	ng/ul	100
19) Hexachloroethane	8.699	117	20249	10.279	ng/ul	95
22) Nitrobenzene	8.822	77	65062	10.180	ng/ul	97
23) Isophorone	9.351	82	108885	9.276	ng/ul	97
25) 2-Nitrophenol	9.534	139	23176	9.399	ng/ul	98
26) 2,4-Dimethylphenol	9.598	107	52495	10.043	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.834	93	64441	9.743	ng/ul	99
29) 2,4-Dichlorophenol	10.063	162	41037	9.894	ng/ul	99
30) Naphthalene	10.463	128	142387	9.760	ng/ul	98
32) 4-Chloroaniline	10.575	127	56395	9.451	ng/ul	95
33) Hexachlorobutadiene	10.751	225	27228	9.944	ng/ul	95
34) Caprolactam	11.334	113	12881	7.846	ng/ul	81
35) 4-Chloro-3-methylphenol	11.704	107	50442	9.735	ng/ul	94
36) 2-Methylnaphthalene	12.081	142	99675	9.789	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	100663	9.772	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.457	216	51412	10.222	ng/ul	99
40) Hexachlorocyclopentadiene	12.440	237	28052	9.506	ng/ul	96
41) 2,4,6-Trichlorophenol	12.704	196	32889	9.942	ng/ul	99
42) 2,4,5-Trichlorophenol	12.769	196	35471	9.843	ng/ul	97
43) 1,1'-Biphenyl	13.110	154	138614	10.524	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	103641	10.164	ng/ul	96
45) 2-Nitroaniline	13.357	65	41634	10.069	ng/ul	96
47) Dimethylphthalate	13.739	163	139871	10.380	ng/ul	99
48) 2,6-Dinitrotoluene	13.857	165	24898	9.471	ng/ul	95
50) Acenaphthylene	13.998	152	159796	9.933	ng/ul	99
51) 3-Nitroaniline	14.187	138	25586	9.030	ng/ul#	96
52) Acenaphthene	14.345	153	118451	10.111	ng/ul	99
53) 2,4-Dinitrophenol	14.392	184	12710	7.073	ng/ul	99
55) 4-Nitrophenol	14.498	109	29600	11.059	ng/ul	99
56) Dibenzofuran	14.681	168	167926	10.444	ng/ul	99
57) 2,4-Dinitrotoluene	14.651	165	38918	9.723	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.910	232	30089	10.039	ng/ul	98
59) Diethylphthalate	15.116	149	147810	10.480	ng/ul	98
61) Fluorene	15.334	166	131867	9.902	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.334	204	66719	10.587	ng/ul	97
63) 4-Nitroaniline	15.351	138	27568	9.996	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.416	198	23206	8.539	ng/ul#	98
67) N-Nitrosodiphenylamine	15.545	169	114732	10.063	ng/ul	95
68) 4-Bromophenyl-phenylether	16.228	248	36457	9.935	ng/ul	93
69) Hexachlorobenzene	16.339	284	38396	9.503	ng/ul	98
70) Atrazine	16.498	200	41545	9.865	ng/ul	99
71) Pentachlorophenol	16.680	266	24683	8.842	ng/ul	93
72) Phenanthrene	17.069	178	212421	9.829	ng/ul	99
74) Anthracene	17.163	178	216919	9.906	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.069	216	50960	9.871	ng/uL	97
76) Pentachlorobenzene	14.604	250	47879	9.306	ng/uL	96
77) Carbazole	17.433	167	197205	9.983	ng/ul	99
78) Di-n-butylphthalate	18.004	149	252032	10.168	ng/ul	99
80) Fluoranthene	19.092	202	249104	9.926	ng/ul	96
82) Pyrene	19.457	202	269187	9.827	ng/ul	99
83) Butylbenzylphthalate	20.369	149	104330	9.235	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.174	252	67813	9.595	ng/ul	95
85) Benzo(a)anthracene	21.245	228	264084	9.842	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.180	149	159111	9.719	ng/ul	99
87) Chrysene	21.304	228	248602	9.680	ng/ul	98
89) Di-n-octyl phthalate	22.280	149	233794	8.782	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	246756	10.196	ng/ul	97
91) Benzo(k)fluoranthene	23.298	252	236471	9.672	ng/ul	100
93) Benzo(a)pyrene	24.015	252	219026	9.594	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.398	276	251413	9.336	ng/ul	95
95) Dibenzo(a,h)anthracene	27.451	278	203000	9.413	ng/ul	97
96) Benzo(g,h,i)perylene	28.403	276	190854	9.192	ng/ul	99

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

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