Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010325\
Data File : BN035885.D
Acq On : 03 Jan 2025 12:07
Operator : RC/JU
Sample : SSTD08003
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 03 13:03:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 03 12:03:48 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD080242

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/06/2025
Supervised By :mohammad ahmed 01/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.831	152	69608	20.000	ng/ul	0.00
20) Naphthalene-d8	10.631	136	245161	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.472	164	146851	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.213	188	294699	20.000	ng/ul	0.00
79) Chrysene-d12	21.454	240	323033	20.000	ng/ul	0.00
88) Perylene-d12	24.500	264	373898	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	54079	35.309	ng/uL	0.00
4) Pyridine-d5	3.684	84	366466	91.018	ng/ul	0.00
7) Phenol-d5	6.990	99	407832	82.472	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	258484	90.809	ng/ul	0.01
11) 2-Chlorophenol-d4	7.366	132	340901	81.761	ng/ul	0.00
15) 4-Methylphenol-d8	8.537	113	313115	74.610	ng/ul	0.01
21) Nitrobenzene-d5	8.989	128	152942	95.624	ng/ul	0.00
24) 2-Nitrophenol-d4	9.707	143	153906	88.020	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.248	165	306775	78.182	ng/ul	0.00
31) 4-Chloroaniline-d4	10.754	131	400744	81.550	ng/ul	0.00
46) Dimethylphthalate-d6	13.883	166	811543	78.222	ng/ul	0.00
49) Acenaphthylene-d8	14.160	160	984004	84.446	ng/ul	0.00
54) 4-Nitrophenol-d4	14.654	143	153676	91.480	ng/ul	0.02
60) Fluorene-d10	15.466	176	722110	79.823	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.571	200	123677	85.540	ng/ul	0.00
73) Anthracene-d10	17.313	188	1135422	86.135	ng/ul	0.00
81) Pyrene-d10	19.601	212	1347066	80.040	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.306	264	1554345	85.417	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.319	88	57739	33.660	ng/uL	97
5) Pyridine	3.707	79	381287	93.685	ng/ul	98
6) Benzaldehyde	6.966	77	192702	69.860	ng/ul	95
8) Phenol	7.019	94	428929	83.382	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.254	93	329484	81.887	ng/ul	96
12) 2-Chlorophenol	7.395	128	348511	80.178	ng/ul	99
13) 2-Methylphenol	8.266	108	309094	78.735	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.354	45	467204	125.725	ng/ul	98
16) Acetophenone	8.654	105	510713	76.119	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.654	70	250387	77.743	ng/ul	98
18) 4-Methylphenol	8.601	108	329324	76.472	ng/ul	94
19) Hexachloroethane	8.919	117	160500	84.513	ng/ul	95
22) Nitrobenzene	9.031	77	408057	98.521	ng/ul	95
23) Isophorone	9.560	82	675935	84.569	ng/ul	98
25) 2-Nitrophenol	9.742	139	170207	84.453	ng/ul	95
26) 2,4-Dimethylphenol	9.801	107	360229	85.571	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.042	93	390345	79.818	ng/ul	99
29) 2,4-Dichlorophenol	10.272	162	308627	77.394	ng/ul	99
30) Naphthalene	10.684	128	1011496	80.287	ng/ul	99
32) 4-Chloroaniline	10.783	127	389714	82.935	ng/ul	96
33) Hexachlorobutadiene	10.978	225	240697	82.317	ng/ul	97
34) Caprolactam	11.548	113	94093m	83.287	ng/ul	
35) 4-Chloro-3-methylphenol	11.907	107	327057	79.314	ng/ul	95
36) 2-Methylnaphthalene	12.295	142	663447	72.845	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.513	142	666442	71.872	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.660	216	392308	88.192	ng/ul	98
40) Hexachlorocyclopentadiene	12.648	237	228405	101.691	ng/ul	99
41) 2,4,6-Trichlorophenol	12.895	196	239057	86.813	ng/ul	94
42) 2,4,5-Trichlorophenol	12.966	196	257299	83.686	ng/ul	90
43) 1,1'-Biphenyl	13.307	154	861482	84.301	ng/ul	98
44) 2-Chloronaphthalene	13.342	162	689200	84.109	ng/ul	99
45) 2-Nitroaniline	13.536	65	211873	126.475	ng/ul	96
47) Dimethylphthalate	13.930	163	802915	77.029	ng/ul	99
48) 2,6-Dinitrotoluene	14.042	165	162238	95.393	ng/ul#	84
50) Acenaphthylene	14.189	152	1019700	82.095	ng/ul	98
51) 3-Nitroaniline	14.360	138	152839	85.732	ng/ul	94
52) Acenaphthene	14.536	153	732208	82.222	ng/ul	94
53) 2,4-Dinitrophenol	14.566	184	81908	73.187	ng/ul	92
55) 4-Nitrophenol	14.666	109	155234	93.763	ng/ul	91
56) Dibenzofuran	14.872	168	1006560	79.722	ng/ul	96
57) 2,4-Dinitrotoluene	14.824	165	242607	90.955	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.089	232	204177	78.200	ng/ul	94
59) Diethylphthalate	15.301	149	792814	78.287	ng/ul	98
61) Fluorene	15.519	166	801184	78.553	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.519	204	392650	75.638	ng/ul	97
63) 4-Nitroaniline	15.530	138	140637	80.431	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.589	198	141684	90.051	ng/ul	93
67) N-Nitrosodiphenylamine	15.724	169	682960	85.781	ng/ul	97
68) 4-Bromophenyl-phenylether	16.407	248	230544	77.674	ng/ul	94
69) Hexachlorobenzene	16.524	284	263149	75.075	ng/ul	94
70) Atrazine	16.677	200	257701	92.000	ng/ul	96
71) Pentachlorophenol	16.860	266	177256	82.718	ng/ul	94
72) Phenanthrene	17.254	178	1279352	83.324	ng/ul	99
74) Anthracene	17.348	178	1287082	82.756	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.272	216	385800	94.608	ng/uL	98
76) Pentachlorobenzene	14.789	250	362234	87.855	ng/uL	97
77) Carbazole	17.607	167	1153946	89.789	ng/ul	98
78) Di-n-butylphthalate	18.189	149	1246378	84.780	ng/ul	100
80) Fluoranthene	19.265	202	1544335	78.470	ng/ul	99
82) Pyrene	19.630	202	1640698	76.637	ng/ul	99
83) Butylbenzylphthalate	20.542	149	494130	85.923	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.359	252	492808	88.461	ng/ul	98
85) Benzo(a)anthracene	21.436	228	1699014	79.128	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.383	149	737223	81.695	ng/ul	99
87) Chrysene	21.501	228	1603437	77.491	ng/ul	97
89) Di-n-octyl phthalate	22.553	149	1324077	81.506	ng/ul	100
90) Benzo(b)fluoranthene	23.542	252	1796817	83.576	ng/ul	100
91) Benzo(k)fluoranthene	23.618	252	1794003	81.749	ng/ul	98
93) Benzo(a)pyrene	24.371	252	1702976	83.539	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.971	276	2197055	89.245	ng/ul	98
95) Dibenzo(a,h)anthracene	28.036	278	1787097	89.793	ng/ul	96
96) Benzo(g,h,i)perylene	29.047	276	1708065m	90.489	ng/ul	

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

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