Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040125\
Data File : BP024205.D
Acq On : 01 Apr 2025 09:56
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020671

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

Quant Time: Apr 01 12:36:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 01 12:35:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	472706	20.000	ng/ul	0.00
20) Naphthalene-d8	10.516	136	2079509	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.381	164	1316899	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.181	188	2617425	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	2836100	20.000	ng/ul	0.00
88) Perylene-d12	25.016	264	2791633	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	102184	8.611	ng/uL	0.00
4) Pyridine-d5	3.675	84	748541	21.928	ng/ul	0.00
7) Phenol-d5	6.922	99	903737	21.548	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	552186	23.907	ng/ul	0.00
11) 2-Chlorophenol-d4	7.281	132	729629	22.662	ng/ul	0.00
15) 4-Methylphenol-d8	8.446	113	723173	21.838	ng/ul	0.00
21) Nitrobenzene-d5	8.887	128	363935	21.674	ng/ul	0.00
24) 2-Nitrophenol-d4	9.605	143	380277	21.692	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.146	165	689209	21.865	ng/ul	0.00
31) 4-Chloroaniline-d4	10.652	131	1029175	21.363	ng/ul	0.00
46) Dimethylphthalate-d6	13.787	166	2067835	21.669	ng/ul	0.00
49) Acenaphthylene-d8	14.069	160	2392975	21.620	ng/ul	0.00
54) 4-Nitrophenol-d4	14.593	143	386163	19.766	ng/ul	0.00
60) Fluorene-d10	15.387	176	1776666	21.913	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	354940	21.478	ng/ul	0.00
73) Anthracene-d10	17.287	188	2772857	21.708	ng/ul	0.00
81) Pyrene-d10	19.663	212	3263763	22.970	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.798	264	3247528	22.439	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	110266	8.811	ng/uL	97
5) Pyridine	3.693	79	764489	22.117	ng/ul	98
6) Benzaldehyde	6.893	77	581209	26.877	ng/ul	100
8) Phenol	6.946	94	957309	21.965	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.169	93	767732	23.153	ng/ul	98
12) 2-Chlorophenol	7.311	128	754090	22.458	ng/ul	97
13) 2-Methylphenol	8.181	108	689200	21.638	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.252	45	848324	24.395	ng/ul	99
16) Acetophenone	8.552	105	1158810	22.608	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.540	70	572824	23.829	ng/ul	99
18) 4-Methylphenol	8.505	108	781880	22.152	ng/ul	98
19) Hexachloroethane	8.810	117	298944	22.329	ng/ul	96
22) Nitrobenzene	8.928	77	831673	22.026	ng/ul	99
23) Isophorone	9.452	82	1586823	22.436	ng/ul	98
25) 2-Nitrophenol	9.634	139	421675	21.720	ng/ul	96
26) 2,4-Dimethylphenol	9.699	107	765903	22.012	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.928	93	1013514	22.526	ng/ul	98
29) 2,4-Dichlorophenol	10.169	162	693706	21.548	ng/ul	99
30) Naphthalene	10.569	128	2430465	21.585	ng/ul	99
32) 4-Chloroaniline	10.675	127	987394	21.484	ng/ul	100
33) Hexachlorobutadiene	10.857	225	424230	21.521	ng/ul	99
34) Caprolactam	11.457	113	248701	20.343	ng/ul	93
35) 4-Chloro-3-methylphenol	11.810	107	753880	22.507	ng/ul	96
36) 2-Methylnaphthalene	12.181	142	1655669	21.794	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	1651228	21.990	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.551	216	827162	20.784	ng/ul	98
40) Hexachlorocyclopentadiene	12.534	237	416877	20.156	ng/ul	98
41) 2,4,6-Trichlorophenol	12.799	196	539194	21.537	ng/ul	100
42) 2,4,5-Trichlorophenol	12.875	196	583453	21.409	ng/ul	97
43) 1,1'-Biphenyl	13.204	154	2139403	21.364	ng/ul	99
44) 2-Chloronaphthalene	13.246	162	1647504	21.209	ng/ul	99
45) 2-Nitroaniline	13.446	65	454678	22.499	ng/ul	94
47) Dimethylphthalate	13.834	163	2081102	21.800	ng/ul	100
48) 2,6-Dinitrotoluene	13.951	165	426716	22.793	ng/ul	98
50) Acenaphthylene	14.098	152	2558119	21.331	ng/ul	99
51) 3-Nitroaniline	14.287	138	464360	21.335	ng/ul	97
52) Acenaphthene	14.445	153	1816657	21.520	ng/ul	100
53) 2,4-Dinitrophenol	14.493	184	228275	19.559	ng/ul	98
55) 4-Nitrophenol	14.610	109	265369	19.594	ng/ul	99
56) Dibenzofuran	14.787	168	2494556	21.430	ng/ul	98
57) 2,4-Dinitrotoluene	14.745	165	635630	22.809	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.016	232	496591	22.157	ng/ul	98
59) Diethylphthalate	15.216	149	2094340	22.161	ng/ul	100
61) Fluorene	15.445	166	2058183	21.627	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.445	204	1006528	21.894	ng/ul	99
63) 4-Nitroaniline	15.469	138	477181	22.280	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.528	198	387958	21.512	ng/ul	98
67) N-Nitrosodiphenylamine	15.657	169	1753170	21.969	ng/ul	99
68) 4-Bromophenyl-phenylether	16.357	248	632290	21.923	ng/ul	98
69) Hexachlorobenzene	16.475	284	767937	21.920	ng/ul	98
70) Atrazine	16.645	200	686996	23.778	ng/ul	98
71) Pentachlorophenol	16.828	266	478576	21.764	ng/ul	99
72) Phenanthrene	17.222	178	3260667	21.790	ng/ul	100
74) Anthracene	17.322	178	3247485	21.540	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.163	216	816148	20.707	ng/uL	98
76) Pentachlorobenzene	14.704	250	881508	21.388	ng/uL	100
77) Carbazole	17.598	167	2963271	21.647	ng/ul	99
78) Di-n-butylphthalate	18.198	149	3728783	23.386	ng/ul	100
80) Fluoranthene	19.316	202	3811747	23.010	ng/ul	97
82) Pyrene	19.692	202	4075804	22.832	ng/ul	99
83) Butylbenzylphthalate	20.645	149	1730744	24.045	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.539	252	1082156	19.076	ng/ul	99
85) Benzo(a)anthracene	21.622	228	4019556	21.662	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.557	149	2607789	24.142	ng/ul	99
87) Chrysene	21.686	228	3712864	21.302	ng/ul	100
89) Di-n-octyl phthalate	22.857	149	4091435	25.106	ng/ul	100
90) Benzo(b)fluoranthene	23.957	252	3893407	23.448	ng/ul	100
91) Benzo(k)fluoranthene	24.021	252	3865987	22.939	ng/ul	99
93) Benzo(a)pyrene	24.868	252	3508901	22.349	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.845	276	3997334m	19.254	ng/ul	
95) Dibenzo(a,h)anthracene	28.927	278	3231445	19.171	ng/ul	99
96) Benzo(g,h,i)perylene	30.039	276	3031519	18.817	ng/ul	97

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

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