Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080324\
Data File : BP021364.D
Acq On : 04 Aug 2024 07:12
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020726

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 05 00:45:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	195809	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.381	136	804133	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.257	164	534667	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.075	188	1190675	20.000	ng/ul	-0.02
79) Chrysene-d12	21.527	240	1230871	20.000	ng/ul	0.00
88) Perylene-d12	24.833	264	1465311m	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	33906	7.880	ng/uL	-0.02
4) Pyridine-d5	3.581	84	231343	18.571	ng/ul	-0.01
7) Phenol-d5	6.840	99	294153	18.426	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	182772	18.892	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.169	132	244563	18.594	ng/ul	-0.01
15) 4-Methylphenol-d8	8.352	113	235377	17.753	ng/ul	-0.01
21) Nitrobenzene-d5	8.781	128	118344	18.948	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.487	143	135510	18.956	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.046	165	244764	18.935	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	333579	19.479	ng/ul	-0.01
46) Dimethylphthalate-d6	13.669	166	728728	18.749	ng/ul	-0.01
49) Acenaphthylene-d8	13.951	160	825512	18.915	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.581	143	137118	24.795	ng/ul	0.00
60) Fluorene-d10	15.275	176	630343	19.768	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	126313	17.533	ng/ul	-0.01
73) Anthracene-d10	17.181	188	1031852	19.512	ng/ul	-0.01
81) Pyrene-d10	19.575	212	1264735	16.620	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.592	264	1370466	18.963	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	37434	7.910	ng/uL	97
5) Pyridine	3.599	79	235532	18.331	ng/ul	95
6) Benzaldehyde	6.799	77	183253	22.770	ng/ul	99
8) Phenol	6.863	94	303452	18.785	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.063	93	243636	18.257	ng/ul	99
12) 2-Chlorophenol	7.199	128	249109	18.897	ng/ul	97
13) 2-Methylphenol	8.087	108	237193	18.986	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.128	45	370020m	19.193	ng/ul	
16) Acetophenone	8.446	105	385831	18.855	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.416	70	190155	17.735	ng/ul	99
18) 4-Methylphenol	8.416	108	248506	18.568	ng/ul	95
19) Hexachloroethane	8.658	117	108767	18.361	ng/ul	98
22) Nitrobenzene	8.822	77	294513	19.684	ng/ul	99
23) Isophorone	9.334	82	542069	18.224	ng/ul	99
25) 2-Nitrophenol	9.522	139	141813	19.021	ng/ul	95
26) 2,4-Dimethylphenol	9.593	107	281140	19.123	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.805	93	330933	18.304	ng/ul	100
29) 2,4-Dichlorophenol	10.069	162	237828	18.669	ng/ul	98
30) Naphthalene	10.428	128	812927	19.219	ng/ul	100
32) 4-Chloroaniline	10.569	127	319892	19.562	ng/ul	99
33) Hexachlorobutadiene	10.687	225	174413	18.259	ng/ul	100
34) Caprolactam	11.399	113	78111m	19.904	ng/ul	
35) 4-Chloro-3-methylphenol	11.734	107	269986	19.497	ng/ul	100
36) 2-Methylnaphthalene	12.046	142	546980	18.839	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	563390	18.867	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.422	216	323018	18.603	ng/ul	98
40) Hexachlorocyclopentadiene	12.369	237	149789	16.490	ng/ul	99
41) 2,4,6-Trichlorophenol	12.693	196	196940	17.950	ng/ul	98
42) 2,4,5-Trichlorophenol	12.798	196	212248	18.284	ng/ul	98
43) 1,1'-Biphenyl	13.069	154	721402	18.462	ng/ul	98
44) 2-Chloronaphthalene	13.122	162	584878	18.750	ng/ul	99
45) 2-Nitroaniline	13.363	65	176407	20.450	ng/ul	97
47) Dimethylphthalate	13.722	163	734822	18.633	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	152244	19.309	ng/ul	100
50) Acenaphthylene	13.975	152	952962	19.286	ng/ul	99
51) 3-Nitroaniline	14.222	138	147210	21.455	ng/ul	99
52) Acenaphthene	14.322	153	627958	19.147	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	91370	22.066	ng/ul	95
55) 4-Nitrophenol	14.598	109	100796	22.407	ng/ul	96
56) Dibenzofuran	14.675	168	872239	19.421	ng/ul	100
57) 2,4-Dinitrotoluene	14.692	165	226772	20.952	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.922	232	190325	19.146	ng/ul	99
59) Diethylphthalate	15.104	149	741778	18.821	ng/ul	99
61) Fluorene	15.328	166	723654	19.745	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.322	204	372923	18.752	ng/ul	99
63) 4-Nitroaniline	15.416	138	148587m	26.151	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.469	198	133425	17.464	ng/ul	98
67) N-Nitrosodiphenylamine	15.551	169	611025	17.623	ng/ul	100
68) 4-Bromophenyl-phenylether	16.239	248	239580	17.167	ng/ul	99
69) Hexachlorobenzene	16.351	284	285048	17.813	ng/ul	98
70) Atrazine	16.539	200	241289	19.095	ng/ul	99
71) Pentachlorophenol	16.739	266	191319	22.013	ng/ul	98
72) Phenanthrene	17.122	178	1187472	19.225	ng/ul	99
74) Anthracene	17.222	178	1218082	19.344	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.040	216	318850	16.731	ng/uL	98
76) Pentachlorobenzene	14.581	250	322998	17.057	ng/uL	99
77) Carbazole	17.516	167	1080567	20.992	ng/ul	99
78) Di-n-butylphthalate	18.081	149	1293723	18.217	ng/ul	100
80) Fluoranthene	19.228	202	1486120	16.171	ng/ul	100
82) Pyrene	19.604	202	1560885	16.691	ng/ul	97
83) Butylbenzylphthalate	20.539	149	634731	16.291	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.439	252	551392	19.604	ng/ul	100
85) Benzo(a)anthracene	21.510	228	1620484	18.794	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.410	149	915052	16.319	ng/ul	99
87) Chrysene	21.580	228	1503559	18.766	ng/ul	99
89) Di-n-octyl phthalate	22.645	149	1602768	16.558	ng/ul	100
90) Benzo(b)fluoranthene	23.774	252	1645292	18.503	ng/ul	99
91) Benzo(k)fluoranthene	23.839	252	1668353	18.800	ng/ul	99
93) Benzo(a)pyrene	24.668	252	1556384	18.522	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.556	276	1954839	18.054	ng/ul	98
95) Dibenzo(a,h)anthracene	28.609	278	1621171m	18.080	ng/ul	
96) Benzo(g,h,i)perylene	29.750	276	1578670	17.902	ng/ul	98

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

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