Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091224\
Data File : BP021898.D
Acq On : 12 Sep 2024 16:57
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020764

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024

Quant Time: Sep 12 18:11:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 12 12:48:41 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	147809	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.493	136	616413	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.357	164	456655	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	965535	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	1121058	20.000	ng/ul	0.00
88) Perylene-d12	24.910	264	1257787	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	28371	6.209	ng/uL	-0.01
4) Pyridine-d5	3.652	84	171061	12.715	ng/ul	-0.01
7) Phenol-d5	6.887	99	232862	18.438	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.046	67	143340	19.540	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.252	132	189568	21.562	ng/ul	-0.02
15) 4-Methylphenol-d8	8.416	113	193594	19.199	ng/ul	-0.01
21) Nitrobenzene-d5	8.857	128	71673	18.670	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.575	143	98129	22.485	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.116	165	209222	21.648	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.628	131	277902	19.731	ng/ul	-0.01
46) Dimethylphthalate-d6	13.757	166	683382	19.919	ng/ul	-0.01
49) Acenaphthylene-d8	14.045	160	745064	19.798	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.557	143	122440	18.879	ng/ul	-0.01
60) Fluorene-d10	15.363	176	599274	18.377	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	110938	20.083	ng/ul	-0.01
73) Anthracene-d10	17.263	188	926812	20.664	ng/ul	0.00
81) Pyrene-d10	19.633	212	1251383	20.176	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.692	264	1281347	19.575	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	29332	5.974	ng/uL	97
5) Pyridine	3.670	79	173038	12.864	ng/ul	94
6) Benzaldehyde	6.869	77	156509	23.694	ng/ul	94
8) Phenol	6.916	94	243499	18.586	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.140	93	192414	19.567	ng/ul	93
12) 2-Chlorophenol	7.287	128	194394	21.497	ng/ul	99
13) 2-Methylphenol	8.152	108	181606	19.602	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.222	45	235840	22.066	ng/ul	97
16) Acetophenone	8.528	105	313862	19.301	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.510	70	159365	20.500	ng/ul	99
18) 4-Methylphenol	8.475	108	205495	19.773	ng/ul	96
19) Hexachloroethane	8.787	117	64356	15.003	ng/ul	95
22) Nitrobenzene	8.899	77	190389	18.512	ng/ul	98
23) Isophorone	9.428	82	427113	22.271	ng/ul#	97
25) 2-Nitrophenol	9.604	139	110769	22.935	ng/ul	93
26) 2,4-Dimethylphenol	9.669	107	228358	22.244	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.904	93	264195	22.500	ng/ul	100
29) 2,4-Dichlorophenol	10.140	162	210231	21.262	ng/ul	98
30) Naphthalene	10.546	128	641500	19.547	ng/ul	99
32) 4-Chloroaniline	10.652	127	273520	19.725	ng/ul	99
33) Hexachlorobutadiene	10.828	225	153023	19.431	ng/ul	99
34) Caprolactam	11.422	113	64094	18.701	ng/ul	95
35) 4-Chloro-3-methylphenol	11.775	107	217531	19.461	ng/ul	97
36) 2-Methylnaphthalene	12.151	142	368031	15.283	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	376749	15.352	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.528	216	253686	16.315	ng/ul	99
40) Hexachlorocyclopentadiene	12.510	237	144545	16.422	ng/ul	96
41) 2,4,6-Trichlorophenol	12.769	196	179970	18.828	ng/ul	100
42) 2,4,5-Trichlorophenol	12.845	196	206726	19.622	ng/ul	98
43) 1,1'-Biphenyl	13.175	154	656869	19.637	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	524621	19.413	ng/ul	97
45) 2-Nitroaniline	13.416	65	140022	19.502	ng/ul	99
47) Dimethylphthalate	13.804	163	681032	19.593	ng/ul	100
48) 2,6-Dinitrotoluene	13.922	165	125965	19.502	ng/ul	98
50) Acenaphthylene	14.075	152	795674	19.897	ng/ul	99
51) 3-Nitroaniline	14.251	138	130620	19.954	ng/ul	94
52) Acenaphthene	14.428	153	566897	19.763	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	68020	16.660	ng/ul	92
55) 4-Nitrophenol	14.581	109	106383	18.272	ng/ul#	90
56) Dibenzofuran	14.763	168	813016	19.357	ng/ul	96
57) 2,4-Dinitrotoluene	14.722	165	200529	19.803	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	14.998	232	184066	20.286	ng/ul	96
59) Diethylphthalate	15.198	149	665948	19.084	ng/ul	98
61) Fluorene	15.422	166	669035	18.166	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.422	204	349993	18.249	ng/ul	97
63) 4-Nitroaniline	15.439	138	142037	19.560	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.498	198	125788	20.620	ng/ul	98
67) N-Nitrosodiphenylamine	15.645	169	586534	22.024	ng/ul	97
68) 4-Bromophenyl-phenylether	16.345	248	221904	22.037	ng/ul	94
69) Hexachlorobenzene	16.451	284	265876	21.997	ng/ul	98
70) Atrazine	16.622	200	192522	18.422	ng/ul	100
71) Pentachlorophenol	16.792	266	126472	16.024	ng/ul	97
72) Phenanthrene	17.192	178	967453	18.497	ng/ul	100
74) Anthracene	17.310	178	1129050	21.356	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.140	216	303809	22.483	ng/uL	98
76) Pentachlorobenzene	14.687	250	312211	23.092	ng/uL	98
77) Carbazole	17.581	167	1042554	22.022	ng/ul	98
78) Di-n-butylphthalate	18.169	149	1116868	21.461	ng/ul	100
80) Fluoranthene	19.286	202	1426222	19.965	ng/ul	99
82) Pyrene	19.663	202	1509031	19.464	ng/ul	100
83) Butylbenzylphthalate	20.610	149	538258	20.193	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.492	252	505694	20.131	ng/ul	99
85) Benzo(a)anthracene	21.574	228	1544948	19.511	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.510	149	764901	19.863	ng/ul	98
87) Chrysene	21.645	228	1477582	19.509	ng/ul	99
89) Di-n-octyl phthalate	22.780	149	995249	14.838	ng/ul	100
90) Benzo(b)fluoranthene	23.863	252	1546009	19.794	ng/ul	99
91) Benzo(k)fluoranthene	23.933	252	1528597	19.808	ng/ul	99
93) Benzo(a)pyrene	24.763	252	1439475	19.965	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.686	276	1742370m	19.233	ng/ul	
95) Dibenzo(a,h)anthracene	28.774	278	1408143	19.295	ng/ul	98
96) Benzo(g,h,i)perylene	29.874	276	1369243	19.112	ng/ul	99

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

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