Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011224\
Data File : BP019322.D
Acq On : 12 Jan 2024 08:55
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020744

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/16/2024
Supervised By :mohammad ahmed 01/16/2024

Quant Time: Jan 16 04:25:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 09 03:05:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	116412	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	488097	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	346410	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	876519	20.000	ng/ul	0.00
79) Chrysene-d12	21.286	240	915217	20.000	ng/ul	0.00
88) Perylene-d12	23.639	264	944015	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	26216	8.516	ng/uL	0.00
4) Pyridine-d5	3.640	84	196569	22.081	ng/ul	0.00
7) Phenol-d5	6.969	99	234142	21.044	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	146696	22.043	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	167433	21.907	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	189850	21.508	ng/ul	0.00
21) Nitrobenzene-d5	8.945	128	86255	21.005	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	101303	21.232	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	203453	21.107	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	260533	21.397	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	633229	20.691	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	675771	20.599	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	101916	21.686	ng/ul	0.00
60) Fluorene-d10	15.422	176	546928	21.828	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	127641	19.724	ng/ul	0.00
73) Anthracene-d10	17.280	188	919111	21.025	ng/ul	0.00
81) Pyrene-d10	19.527	212	1170987	19.622	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.486	264	1086007	21.157	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	27926	8.757	ng/uL	98
5) Pyridine	3.658	79	199873	22.102	ng/ul	95
6) Benzaldehyde	6.928	77	134011	27.627	ng/ul	96
8) Phenol	6.993	94	241670	21.560	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.216	93	193603	21.533	ng/ul	100
12) 2-Chlorophenol	7.346	128	169638	21.474	ng/ul	96
13) 2-Methylphenol	8.240	108	178416	21.221	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.304	45	241961m	22.616	ng/ul	
16) Acetophenone	8.610	105	316230	22.491	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.598	70	167230	22.827	ng/ul	98
18) 4-Methylphenol	8.569	108	194713	21.754	ng/ul	99
19) Hexachloroethane	8.845	117	76678	21.489	ng/ul	93
22) Nitrobenzene	8.987	77	250204	21.781	ng/ul	98
23) Isophorone	9.516	82	479757	21.543	ng/ul	99
25) 2-Nitrophenol	9.698	139	105979	21.146	ng/ul	100
26) 2,4-Dimethylphenol	9.769	107	233744	21.630	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.998	93	274081	21.399	ng/ul	99
29) 2,4-Dichlorophenol	10.234	162	197673	21.279	ng/ul	96
30) Naphthalene	10.628	128	583729	21.224	ng/ul	99
32) 4-Chloroaniline	10.751	127	255546	21.452	ng/ul	99
33) Hexachlorobutadiene	10.898	225	160075	19.973	ng/ul	98
34) Caprolactam	11.545	113	62511	21.458	ng/ul	95
35) 4-Chloro-3-methylphenol	11.886	107	232598	22.553	ng/ul	99
36) 2-Methylnaphthalene	12.239	142	427725	21.374	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	420793	21.492	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	295288	19.671	ng/ul	98
40) Hexachlorocyclopentadiene	12.581	237	163431	16.963	ng/ul	98
41) 2,4,6-Trichlorophenol	12.863	196	186232	20.160	ng/ul	98
42) 2,4,5-Trichlorophenol	12.939	196	200657	20.269	ng/ul	99
43) 1,1'-Biphenyl	13.257	154	569369	19.896	ng/ul	98
44) 2-Chloronaphthalene	13.298	162	466018	20.137	ng/ul	98
45) 2-Nitroaniline	13.522	65	152034	22.904	ng/ul	97
47) Dimethylphthalate	13.892	163	639190	21.015	ng/ul	100
48) 2,6-Dinitrotoluene	14.016	165	130631	21.719	ng/ul	96
50) Acenaphthylene	14.145	152	749199	20.850	ng/ul	99
51) 3-Nitroaniline	14.351	138	116121	22.134	ng/ul	99
52) Acenaphthene	14.486	153	500078	21.240	ng/ul	100
53) 2,4-Dinitrophenol	14.563	184	76004	19.272	ng/ul	96
55) 4-Nitrophenol	14.680	109	110589	21.791	ng/ul	98
56) Dibenzofuran	14.828	168	732496	21.731	ng/ul	100
57) 2,4-Dinitrotoluene	14.810	165	196390	23.272	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.057	232	194223	22.099	ng/ul#	98
59) Diethylphthalate	15.257	149	631815	22.198	ng/ul	100
61) Fluorene	15.480	166	606829	21.979	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.475	204	350633	21.281	ng/ul	99
63) 4-Nitroaniline	15.522	138	99484	24.460	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.575	198	133792	19.506	ng/ul	98
67) N-Nitrosodiphenylamine	15.692	169	522072	20.205	ng/ul	99
68) 4-Bromophenyl-phenylether	16.369	248	235077	19.635	ng/ul	97
69) Hexachlorobenzene	16.480	284	271510	19.678	ng/ul	100
70) Atrazine	16.657	200	229728	20.396	ng/ul	100
71) Pentachlorophenol	16.833	266	164974	19.251	ng/ul	98
72) Phenanthrene	17.221	178	1037035	21.063	ng/ul	100
74) Anthracene	17.316	178	1060923	21.256	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	284084	17.504	ng/uL	100
76) Pentachlorobenzene	14.745	250	300462	19.058	ng/uL	99
77) Carbazole	17.598	167	915936	21.570	ng/ul	100
78) Di-n-butylphthalate	18.145	149	1089416	21.438	ng/ul	99
80) Fluoranthene	19.204	202	1363122	19.324	ng/ul	100
82) Pyrene	19.557	202	1393388	19.461	ng/ul	100
83) Butylbenzylphthalate	20.433	149	507751	20.671	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.210	252	452933	21.796	ng/ul	98
85) Benzo(a)anthracene	21.268	228	1476003	20.717	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.192	149	746894	21.183	ng/ul	98
87) Chrysene	21.321	228	1350946	20.744	ng/ul	99
89) Di-n-octyl phthalate	22.104	149	1293144	20.070	ng/ul	100
90) Benzo(b)fluoranthene	22.921	252	1399601	20.746	ng/ul	99
91) Benzo(k)fluoranthene	22.968	252	1362352	20.816	ng/ul	99
93) Benzo(a)pyrene	23.539	252	1264623	20.861	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.080	276	1387451	19.353	ng/ul	99
95) Dibenzo(a,h)anthracene	26.097	278	1140306	19.214	ng/ul	98
96) Benzo(g,h,i)perylene	26.833	276	1088305	18.902	ng/ul	98

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

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