Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101023\
Data File : BP017643.D
Acq On : 10 Oct 2023 20:04
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020775

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

Quant Time: Oct 11 00:23:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 04:45:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	126467	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	532060	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	354432	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	810709	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	845131	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	926690	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	28701	9.207	ng/uL	0.00
4) Pyridine-d5	3.717	84	190211	21.676	ng/ul	0.00
7) Phenol-d5	7.081	99	231772	21.671	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	146514	22.089	ng/ul	0.00
11) 2-Chlorophenol-d4	7.440	132	189920	22.575	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	188795	21.915	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	90867	22.164	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	99827	22.170	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	196086	22.422	ng/ul	0.00
31) 4-Chloroaniline-d4	10.934	131	277985	22.318	ng/ul	0.00
46) Dimethylphthalate-d6	14.034	166	633182	22.500	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	685228	22.365	ng/ul	0.00
54) 4-Nitrophenol-d4	14.863	143	84821	19.887	ng/ul	0.00
60) Fluorene-d10	15.622	176	550252	22.359	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.769	200	96293	20.025	ng/ul	0.00
73) Anthracene-d10	17.510	188	879022	22.593	ng/ul	0.00
81) Pyrene-d10	19.769	212	1067508	22.144	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	1069416	22.259	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	29107	8.779	ng/uL	92
5) Pyridine	3.734	79	197232	21.718	ng/ul	99
6) Benzaldehyde	7.081	77	131258	25.025	ng/ul	96
8) Phenol	7.105	94	234686	21.655	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.363	93	191449	21.969	ng/ul	97
12) 2-Chlorophenol	7.475	128	188150	21.903	ng/ul	98
13) 2-Methylphenol	8.375	108	176004	21.880	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.440	45	251807m	22.058	ng/ul	
16) Acetophenone	8.781	105	305319	22.564	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.746	70	156938	22.956	ng/ul	99
18) 4-Methylphenol	8.710	108	192392	21.912	ng/ul	99
19) Hexachloroethane	8.987	117	83584	22.091	ng/ul	95
22) Nitrobenzene	9.175	77	241893	22.378	ng/ul	99
23) Isophorone	9.687	82	420806	22.236	ng/ul	99
25) 2-Nitrophenol	9.881	139	109052	22.456	ng/ul	98
26) 2,4-Dimethylphenol	9.922	107	219882	22.162	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.181	93	261933	22.240	ng/ul	100
29) 2,4-Dichlorophenol	10.404	162	195873	22.666	ng/ul	97
30) Naphthalene	10.810	128	646234	21.820	ng/ul	100
32) 4-Chloroaniline	10.957	127	266357	21.996	ng/ul	98
33) Hexachlorobutadiene	11.034	225	148736	22.669	ng/ul	99
34) Caprolactam	11.787	113	52384	20.508	ng/ul	97
35) 4-Chloro-3-methylphenol	12.069	107	202877	22.444	ng/ul	99
36) 2-Methylnaphthalene	12.428	142	453187	22.419	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.646	142	465703	22.347	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.781	216	271243	22.321	ng/ul	98
40) Hexachlorocyclopentadiene	12.722	237	121419	19.828	ng/ul	98
41) 2,4,6-Trichlorophenol	13.040	196	165801	22.232	ng/ul	95
42) 2,4,5-Trichlorophenol	13.116	196	174120	22.146	ng/ul	95
43) 1,1'-Biphenyl	13.445	154	612793	22.018	ng/ul	99
44) 2-Chloronaphthalene	13.493	162	493331	22.056	ng/ul	99
45) 2-Nitroaniline	13.740	65	132007	22.524	ng/ul	98
47) Dimethylphthalate	14.081	163	633234	22.401	ng/ul	99
48) 2,6-Dinitrotoluene	14.234	165	115221	22.395	ng/ul	97
50) Acenaphthylene	14.345	152	795454	22.550	ng/ul	99
51) 3-Nitroaniline	14.581	138	108033	22.636	ng/ul	89
52) Acenaphthene	14.681	153	532092	22.298	ng/ul	99
53) 2,4-Dinitrophenol	14.793	184	46686	14.497	ng/ul	91
55) 4-Nitrophenol	14.875	109	82024m	21.007	ng/ul	
56) Dibenzofuran	15.022	168	753303	22.005	ng/ul	96
57) 2,4-Dinitrotoluene	15.028	165	175403	22.579	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.245	232	161272	22.565	ng/ul#	96
59) Diethylphthalate	15.445	149	630995	22.289	ng/ul	99
61) Fluorene	15.681	166	622291	22.149	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.669	204	331510	22.196	ng/ul	99
63) 4-Nitroaniline	15.757	138	101914	22.824	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.781	198	107871	21.025	ng/ul	97
67) N-Nitrosodiphenylamine	15.904	169	521149	22.805	ng/ul	98
68) 4-Bromophenyl-phenylether	16.581	248	211663	23.050	ng/ul	97
69) Hexachlorobenzene	16.663	284	251613	23.004	ng/ul	95
70) Atrazine	16.863	200	194057	21.817	ng/ul	98
71) Pentachlorophenol	17.039	266	131627	20.636	ng/ul	96
72) Phenanthrene	17.451	178	1015362	22.398	ng/ul	99
74) Anthracene	17.545	178	1036536	22.638	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	275288	22.584	ng/uL	99
76) Pentachlorobenzene	14.916	250	289910	23.329	ng/uL	99
77) Carbazole	17.839	167	890052	22.030	ng/ul	99
78) Di-n-butylphthalate	18.351	149	1040267	22.381	ng/ul	100
80) Fluoranthene	19.433	202	1232020	22.045	ng/ul	98
82) Pyrene	19.798	202	1308695	22.180	ng/ul	98
83) Butylbenzylphthalate	20.669	149	458004	21.965	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.474	252	397107	22.400	ng/ul	98
85) Benzo(a)anthracene	21.533	228	1353221	22.108	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	638615	21.749	ng/ul	99
87) Chrysene	21.592	228	1263855	22.094	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	1076954	19.616	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	1352065	22.558	ng/ul	100
91) Benzo(k)fluoranthene	23.374	252	1306493	21.629	ng/ul	99
93) Benzo(a)pyrene	24.010	252	1245677	22.341	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.857	276	1480155	22.206	ng/ul	100
95) Dibenzo(a,h)anthracene	26.886	278	1220098	22.351	ng/ul	100
96) Benzo(g,h,i)perylene	27.709	276	1189478	21.897	ng/ul	99

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

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