Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018214.D
Acq On : 17 Nov 2023 09:15
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020683

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 17 10:09:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 18:13:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	58645	20.000	ng/ul	0.00
20) Naphthalene-d8	10.599	136	233600	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	154176	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	346583	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	339670	20.000	ng/ul	0.00
88) Perylene-d12	23.851	264	369451	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	13045	7.847	ng/uL	0.00
4) Pyridine-d5	3.593	84	71562	16.509	ng/ul	0.00
7) Phenol-d5	6.952	99	86798	15.331	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	56626	17.019	ng/ul	0.00
11) 2-Chlorophenol-d4	7.305	132	73974	16.499	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	78582	16.938	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	37716	17.921	ng/ul	0.00
24) 2-Nitrophenol-d4	9.699	143	43022	18.044	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	75216	17.700	ng/ul	0.00
31) 4-Chloroaniline-d4	10.781	131	110103m	18.893	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	259598	18.249	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	279101	18.013	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	21349	10.043	ng/ul	0.00
60) Fluorene-d10	15.463	176	220431	18.769	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	40505	16.166	ng/ul	0.00
73) Anthracene-d10	17.345	188	352140	18.786	ng/ul	0.00
81) Pyrene-d10	19.604	212	423037	18.645	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.686	264	403698	18.792	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	14621	8.060	ng/uL	94
5) Pyridine	3.611	79	73312	16.388	ng/ul	94
6) Benzaldehyde	6.958	77	57901	18.989	ng/ul	98
8) Phenol	6.981	94	85850	15.371	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.228	93	69881	16.127	ng/ul	97
12) 2-Chlorophenol	7.334	128	74462	16.541	ng/ul	97
13) 2-Methylphenol	8.240	108	72025	17.067	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.293	45	92084m	18.612	ng/ul	
16) Acetophenone	8.640	105	128345	17.404	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.599	70	67966	16.881	ng/ul	96
18) 4-Methylphenol	8.575	108	75711m	16.451	ng/ul	
19) Hexachloroethane	8.828	117	40813	18.949	ng/ul	93
22) Nitrobenzene	9.034	77	109396	19.250	ng/ul	96
23) Isophorone	9.534	82	184368	17.780	ng/ul	99
25) 2-Nitrophenol	9.734	139	44970	18.354	ng/ul	98
26) 2,4-Dimethylphenol	9.775	107	92555	17.758	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.028	93	106931	18.910	ng/ul	99
29) 2,4-Dichlorophenol	10.257	162	74050	18.248	ng/ul	97
30) Naphthalene	10.646	128	265229	18.670	ng/ul	99
32) 4-Chloroaniline	10.810	127	97046	17.385	ng/ul	97
33) Hexachlorobutadiene	10.863	225	60065	20.162	ng/ul	99
34) Caprolactam	11.640	113	21463m	15.921	ng/ul	
35) 4-Chloro-3-methylphenol	11.922	107	85417	17.496	ng/ul	96
36) 2-Methylnaphthalene	12.269	142	182832	18.746	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	184267	18.386	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.622	216	99576	19.118	ng/ul	97
40) Hexachlorocyclopentadiene	12.551	237	37103	14.758	ng/ul	94
41) 2,4,6-Trichlorophenol	12.893	196	61051	17.869	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	62827	17.472	ng/ul	98
43) 1,1'-Biphenyl	13.287	154	245489	18.725	ng/ul	100
44) 2-Chloronaphthalene	13.340	162	192786	18.522	ng/ul	97
45) 2-Nitroaniline	13.598	65	59675	17.767	ng/ul	98
47) Dimethylphthalate	13.934	163	263012	18.848	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	49397	17.810	ng/ul	94
50) Acenaphthylene	14.187	152	317496	18.150	ng/ul	100
51) 3-Nitroaniline	14.439	138	44301	17.213	ng/ul#	86
52) Acenaphthene	14.528	153	214964	18.532	ng/ul	99
53) 2,4-Dinitrophenol	14.669	184	13911	9.194	ng/ul	94
55) 4-Nitrophenol	14.751	109	45157	16.004	ng/ul#	72
56) Dibenzofuran	14.869	168	297159	18.694	ng/ul	95
57) 2,4-Dinitrotoluene	14.887	165	75970	18.333	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.092	232	53156	16.618	ng/ul#	93
59) Diethylphthalate	15.292	149	283463	19.443	ng/ul	99
61) Fluorene	15.522	166	254935	18.890	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.516	204	126718	19.161	ng/ul	99
63) 4-Nitroaniline	15.616	138	42744	17.599	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.639	198	41335	15.899	ng/ul	92
67) N-Nitrosodiphenylamine	15.745	169	212186	19.090	ng/ul	96
68) 4-Bromophenyl-phenylether	16.422	248	75391	19.300	ng/ul	93
69) Hexachlorobenzene	16.498	284	84284	19.337	ng/ul	98
70) Atrazine	16.704	200	74158	19.126	ng/ul	97
71) Pentachlorophenol	16.881	266	25899	9.789	ng/ul	99
72) Phenanthrene	17.286	178	411357	19.331	ng/ul	99
74) Anthracene	17.380	178	419833	19.333	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.240	216	97927	18.503	ng/uL	99
76) Pentachlorobenzene	14.757	250	98111	18.936	ng/uL	97
77) Carbazole	17.680	167	367842	19.506	ng/ul	100
78) Di-n-butylphthalate	18.186	149	493842	20.639	ng/ul	98
80) Fluoranthene	19.275	202	491967	18.567	ng/ul	99
82) Pyrene	19.633	202	516814	18.613	ng/ul	99
83) Butylbenzylphthalate	20.504	149	231789	19.850	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.310	252	157333	19.387	ng/ul	97
85) Benzo(a)anthracene	21.357	228	523012	19.069	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.245	149	335422	20.835	ng/ul	99
87) Chrysene	21.416	228	488317	19.030	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	596550	21.591	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	493378	18.765	ng/ul	98
91) Benzo(k)fluoranthene	23.133	252	501903	18.973	ng/ul	99
93) Benzo(a)pyrene	23.733	252	466305	18.780	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.468	276	544064	18.269	ng/ul	98
95) Dibenzo(a,h)anthracene	26.498	278	452481	18.453	ng/ul	98
96) Benzo(g,h,i)perylene	27.286	276	434151	18.227	ng/ul	93

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

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