Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021424.D
Acq On : 07 Aug 2024 17:57
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020733

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024

Quant Time: Aug 07 18:55:05 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	126027	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.381	136	520309	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.251	164	348728	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.075	188	767279	20.000	ng/ul	-0.02
79) Chrysene-d12	21.527	240	806743	20.000	ng/ul	0.00
88) Perylene-d12	24.821	264	912804	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	23911	8.634	ng/uL	-0.02
4) Pyridine-d5	3.581	84	133411	16.639	ng/ul	-0.01
7) Phenol-d5	6.846	99	184471	17.954	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	117272	18.834	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.169	132	155014	18.311	ng/ul	-0.01
15) 4-Methylphenol-d8	8.357	113	143364	16.800	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128	74658	18.474	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.493	143	83228	17.993	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.063	165	155218	18.558	ng/ul	0.01
31) 4-Chloroaniline-d4	10.557	131	224013m	20.217	ng/ul	0.00
46) Dimethylphthalate-d6	13.675	166	438033	17.279	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	507484	17.828	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.604	143	58779	16.296	ng/ul	0.02
60) Fluorene-d10	15.275	176	424437	20.408	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.463	200	69649	15.003	ng/ul	0.00
73) Anthracene-d10	17.186	188	690994	20.276	ng/ul	0.00
81) Pyrene-d10	19.574	212	853330	17.109	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.580	264	885467	19.669	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.187	88	26325	8.643	ng/uL	98
5) Pyridine	3.599	79	138729	16.775	ng/ul	95
6) Benzaldehyde	6.805	77	122979	23.741	ng/ul	97
8) Phenol	6.875	94	193231	18.585	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.058	93	157150	18.297	ng/ul	98
12) 2-Chlorophenol	7.199	128	161780	19.068	ng/ul	97
13) 2-Methylphenol	8.087	108	151647	18.860	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.128	45	250940	20.223	ng/ul#	92
16) Acetophenone	8.440	105	251883	19.124	ng/ul#	86
17) N-Nitroso-di-n-propyla...	8.410	70	127935	18.539	ng/ul	98
18) 4-Methylphenol	8.422	108	160862	18.674	ng/ul	93
19) Hexachloroethane	8.652	117	71661	18.795	ng/ul	91
22) Nitrobenzene	8.822	77	190662	19.695	ng/ul	96
23) Isophorone	9.334	82	354906	18.441	ng/ul	99
25) 2-Nitrophenol	9.534	139	88937	18.436	ng/ul	97
26) 2,4-Dimethylphenol	9.599	107	185014	19.449	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.804	93	218811	18.704	ng/ul	99
29) 2,4-Dichlorophenol	10.093	162	153173	18.582	ng/ul	97
30) Naphthalene	10.428	128	541772	19.795	ng/ul	99
32) 4-Chloroaniline	10.581	127	204328	19.311	ng/ul	98
33) Hexachlorobutadiene	10.675	225	114632	18.547	ng/ul	96
34) Caprolactam	11.428	113	49983m	19.684	ng/ul	
35) 4-Chloro-3-methylphenol	11.745	107	179329	20.014	ng/ul	99
36) 2-Methylnaphthalene	12.051	142	361106	19.221	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.275	142	383718	19.859	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.428	216	216684	19.133	ng/ul	96
40)	Hexachlorocyclopentadiene	12.369	237	75218	12.696	ng/ul	98
41)	2,4,6-Trichlorophenol	12.704	196	129113m	18.042	ng/ul	
42)	2,4,5-Trichlorophenol	12.822	196	133944	17.690	ng/ul	98
43)	1,1'-Biphenyl	13.075	154	484275	19.002	ng/ul	98
44)	2-Chloronaphthalene	13.122	162	391959	19.265	ng/ul	99
45)	2-Nitroaniline	13.387	65	113384	20.152	ng/ul	89
47)	Dimethylphthalate	13.722	163	440542	17.127	ng/ul	100
48)	2,6-Dinitrotoluene	13.875	165	86675	16.854	ng/ul	96
50)	Acenaphthylene	13.981	152	572797	17.773	ng/ul	99
51)	3-Nitroaniline	14.234	138	91040	20.344	ng/ul#	94
52)	Acenaphthene	14.322	153	429880	20.096	ng/ul	100
53)	2,4-Dinitrophenol	14.510	184	51313	19.000	ng/ul	97
55)	4-Nitrophenol	14.622	109	36903m	12.578	ng/ul	
56)	Dibenzofuran	14.669	168	592873	20.239	ng/ul	96
57)	2,4-Dinitrotoluene	14.704	165	149432	21.168	ng/ul	94
58)	2,3,4,6-Tetrachlorophenol	14.934	232	125303	19.326	ng/ul	99
59)	Diethylphthalate	15.098	149	507858	19.756	ng/ul	99
61)	Fluorene	15.334	166	493348	20.639	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.322	204	253760	19.564	ng/ul	97
63)	4-Nitroaniline	15.428	138	82641	22.299	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.481	198	76326	15.503	ng/ul#	96
67)	N-Nitrosodiphenylamine	15.557	169	414741	18.562	ng/ul	99
68)	4-Bromophenyl-phenylether	16.239	248	160823	17.882	ng/ul	98
69)	Hexachlorobenzene	16.363	284	189794	18.405	ng/ul	99
70)	Atrazine	16.539	200	154278	18.946	ng/ul	99
71)	Pentachlorophenol	16.757	266	92023m	16.431	ng/ul	
72)	Phenanthrene	17.122	178	804945	20.223	ng/ul	100
74)	Anthracene	17.228	178	828189	20.410	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.045	216	212468	17.301	ng/uL	98
76)	Pentachlorobenzene	14.587	250	218891	17.938	ng/uL	99
77)	Carbazole	17.528	167	714391	21.536	ng/ul	99
78)	Di-n-butylphthalate	18.075	149	837754	18.306	ng/ul	100
80)	Fluoranthene	19.233	202	998452	16.577	ng/ul	98
82)	Pyrene	19.604	202	1047466	17.090	ng/ul	97
83)	Butylbenzylphthalate	20.539	149	357211	13.988	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.439	252	330877	17.949	ng/ul	99
85)	Benzo(a)anthracene	21.504	228	1089014	19.270	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.404	149	577142	15.704	ng/ul	99
87)	Chrysene	21.580	228	1020052	19.425	ng/ul	99
89)	Di-n-octyl phthalate	22.639	149	983993	16.318	ng/ul	100
90)	Benzo(b)fluoranthene	23.774	252	1082993	19.551	ng/ul	99
91)	Benzo(k)fluoranthene	23.845	252	1088280	19.686	ng/ul	98
93)	Benzo(a)pyrene	24.657	252	1023128	19.546	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	28.562	276	1232883	18.278	ng/ul	98
95)	Dibenzo(a,h)anthracene	28.615	278	1043884	18.689	ng/ul	100
96)	Benzo(g,h,i)perylene	29.750	276	986298	17.954	ng/ul	99

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

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