Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017526.D
Acq On : 03 Oct 2023 20:57
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020767

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

Quant Time: Oct 04 03:01:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 03 22:59:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	122976	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	521664	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	340258	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.422	188	781211	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	744124	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	807748	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	24083	8.044	ng/uL	0.00
4) Pyridine-d5	3.723	84	177730	21.234	ng/ul	0.00
7) Phenol-d5	7.093	99	230947	22.866	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	135105	22.166	ng/ul	0.00
11) 2-Chlorophenol-d4	7.452	132	183206	22.870	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	190542	24.266	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	91410	24.238	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	103556	25.289	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	198200	25.619	ng/ul	0.00
31) 4-Chloroaniline-d4	10.946	131	271609	24.236	ng/ul	0.00
46) Dimethylphthalate-d6	14.046	166	576801	23.664	ng/ul	0.00
49) Acenaphthylene-d8	14.328	160	670117	23.903	ng/ul	0.00
54) 4-Nitrophenol-d4	14.875	143	84933	20.000	ng/ul	0.00
60) Fluorene-d10	15.634	176	509312	24.271	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.775	200	63786	14.487	ng/ul	0.00
73) Anthracene-d10	17.522	188	821009	23.696	ng/ul	0.00
81) Pyrene-d10	19.775	212	959878	23.854	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	903965	23.244	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.323	88	24356	7.944	ng/uL	92
5) Pyridine	3.740	79	187450	21.572	ng/ul	96
6) Benzaldehyde	7.093	77	126138	24.473	ng/ul	98
8) Phenol	7.122	94	232807	22.917	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.369	93	178166	21.697	ng/ul	94
12) 2-Chlorophenol	7.487	128	187230	23.016	ng/ul	97
13) 2-Methylphenol	8.387	108	176380	23.464	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.452	45	240800m	23.186	ng/ul	
16) Acetophenone	8.793	105	290094	23.908	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.758	70	150075	24.783	ng/ul	95
18) 4-Methylphenol	8.722	108	194017	24.089	ng/ul	97
19) Hexachloroethane	8.999	117	77329	22.898	ng/ul	95
22) Nitrobenzene	9.187	77	232070	24.251	ng/ul	95
23) Isophorone	9.699	82	415590	24.235	ng/ul	98
25) 2-Nitrophenol	9.893	139	108487	24.449	ng/ul	94
26) 2,4-Dimethylphenol	9.934	107	217779	24.632	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.193	93	250230	22.605	ng/ul	97
29) 2,4-Dichlorophenol	10.416	162	193484	25.365	ng/ul	97
30) Naphthalene	10.822	128	616814	22.708	ng/ul	100
32) 4-Chloroaniline	10.969	127	254724	23.718	ng/ul	98
33) Hexachlorobutadiene	11.046	225	127253	23.971	ng/ul	98
34) Caprolactam	11.799	113	58728	26.646	ng/ul	98
35) 4-Chloro-3-methylphenol	12.081	107	206081	26.879	ng/ul	98
36) 2-Methylnaphthalene	12.440	142	428793	24.187	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.657	142	441630	24.369	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.793	216	250152	22.909	ng/ul	99
40)	Hexachlorocyclopentadiene	12.734	237	70010	11.329	ng/ul	95
41)	2,4,6-Trichlorophenol	13.051	196	163923	24.748	ng/ul	99
42)	2,4,5-Trichlorophenol	13.128	196	175186	25.245	ng/ul	98
43)	1,1'-Biphenyl	13.457	154	577763	22.380	ng/ul	99
44)	2-Chloronaphthalene	13.504	162	468156	22.874	ng/ul	99
45)	2-Nitroaniline	13.751	65	137442	27.337	ng/ul	98
47)	Dimethylphthalate	14.093	163	571110	23.260	ng/ul	99
48)	2,6-Dinitrotoluene	14.245	165	117113	27.461	ng/ul	96
50)	Acenaphthylene	14.357	152	759265	23.161	ng/ul	100
51)	3-Nitroaniline	14.587	138	113206	24.666	ng/ul	96
52)	Acenaphthene	14.698	153	492801	22.762	ng/ul	98
53)	2,4-Dinitrophenol	14.798	184	22080	8.277	ng/ul	95
55)	4-Nitrophenol	14.893	109	93478	28.177	ng/ul	88
56)	Dibenzofuran	15.034	168	709193	23.920	ng/ul	100
57)	2,4-Dinitrotoluene	15.034	165	171900	27.364	ng/ul	89
58)	2,3,4,6-Tetrachlorophenol	15.257	232	154991	26.322	ng/ul	96
59)	Diethylphthalate	15.457	149	569817	24.005	ng/ul	99
61)	Fluorene	15.692	166	583158	24.209	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.681	204	299594	24.540	ng/ul	99
63)	4-Nitroaniline	15.763	138	109808	26.808	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.792	198	70888	14.924	ng/ul	99
67)	N-Nitrosodiphenylamine	15.910	169	483640	22.507	ng/ul	99
68)	4-Bromophenyl-phenylether	16.592	248	185248	23.604	ng/ul	99
69)	Hexachlorobenzene	16.675	284	214424	23.545	ng/ul	96
70)	Atrazine	16.875	200	180061	23.389	ng/ul	99
71)	Pentachlorophenol	17.045	266	124926	22.207	ng/ul	99
72)	Phenanthrene	17.463	178	935734	22.869	ng/ul	99
74)	Anthracene	17.557	178	961420	23.184	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.410	216	254870	21.258	ng/uL	98
76)	Pentachlorobenzene	14.928	250	254367	22.459	ng/uL	99
77)	Carbazole	17.851	167	840736	22.793	ng/ul	99
78)	Di-n-butylphthalate	18.357	149	1004340	24.762	ng/ul	99
80)	Fluoranthene	19.445	202	1124321	23.957	ng/ul	97
82)	Pyrene	19.804	202	1170600	23.464	ng/ul	98
83)	Butylbenzylphthalate	20.675	149	453582	25.642	ng/ul	95
84)	3,3'-Dichlorobenzidine	21.480	252	331845	20.526	ng/ul	98
85)	Benzo(a)anthracene	21.539	228	1173181	23.360	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.416	149	648753	25.395	ng/ul	99
87)	Chrysene	21.598	228	1084528	22.946	ng/ul	100
89)	Di-n-octyl phthalate	22.404	149	1099540	24.746	ng/ul	100
90)	Benzo(b)fluoranthene	23.333	252	1103750	23.177	ng/ul	99
91)	Benzo(k)fluoranthene	23.386	252	1120647	23.324	ng/ul	99
93)	Benzo(a)pyrene	24.021	252	1036725	22.753	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.880	276	1220496	21.370	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.904	278	1002278	21.070	ng/ul	97
96)	Benzo(g,h,i)perylene	27.733	276	987706	21.445	ng/ul	98

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

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