Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015737.D
Acq On : 27 Jun 2023 09:32
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 22:15:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 00:56:58 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020768

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	122044	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	450651	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	245027	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	500251	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	527327	20.000	ng/ul	0.00
88) Perylene-d12	24.115	264	660675	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	29241	8.620	ng/uL	0.00
4) Pyridine-d5	3.828	84	174452	20.402	ng/ul	0.00
7) Phenol-d5	7.228	99	204892	19.621	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	130680	20.228	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	161382	20.473	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	151284	18.339	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	72248	20.978	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	82496	20.523	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	147969	20.658	ng/ul	0.00
31) 4-Chloroaniline-d4	11.046	131	181537	19.729	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	388308	20.503	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	453368	21.295	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	41451	16.585	ng/ul	0.01
60) Fluorene-d10	15.704	176	328159	21.044	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	56893	18.493	ng/ul	0.00
73) Anthracene-d10	17.575	188	483784	21.172	ng/ul	0.00
81) Pyrene-d10	19.804	212	576826	16.752	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	691185	20.739	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	31038	8.502	ng/uL	95
5) Pyridine	3.846	79	183582	20.523	ng/ul	99
6) Benzaldehyde	7.205	77	82731	19.596	ng/ul	97
8) Phenol	7.258	94	215260	19.865	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.481	93	171565	19.899	ng/ul	96
12) 2-Chlorophenol	7.622	128	170781	20.393	ng/ul	98
13) 2-Methylphenol	8.516	108	160940	19.671	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.599	45	235877	20.031	ng/ul	98
16) Acetophenone	8.899	105	252126	18.593	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.875	70	136375	18.107	ng/ul	98
18) 4-Methylphenol	8.852	108	163527	18.603	ng/ul	98
19) Hexachloroethane	9.140	117	80094	20.708	ng/ul	98
22) Nitrobenzene	9.287	77	207636	21.469	ng/ul	98
23) Isophorone	9.810	82	365844	19.767	ng/ul	99
25) 2-Nitrophenol	10.004	139	90362	21.182	ng/ul	97
26) 2,4-Dimethylphenol	10.063	107	194054	20.693	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.293	93	212820	20.369	ng/ul	99
29) 2,4-Dichlorophenol	10.551	162	145519	20.434	ng/ul	99
30) Naphthalene	10.940	128	517619	21.129	ng/ul	100
32) 4-Chloroaniline	11.069	127	188921	19.762	ng/ul	96
33) Hexachlorobutadiene	11.210	225	118776	22.086	ng/ul	97
34) Caprolactam	11.857	113	39309	18.046	ng/ul	95
35) 4-Chloro-3-methylphenol	12.193	107	158194	18.978	ng/ul	98
36) 2-Methylnaphthalene	12.545	142	321455	19.932	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.763	142	326189	19.827	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.910	216	183539	22.731	ng/ul	97
40) Hexachlorocyclopentadiene	12.875	237	45535	18.851	ng/ul	99
41) 2,4,6-Trichlorophenol	13.163	196	109363	21.432	ng/ul	96
42) 2,4,5-Trichlorophenol	13.245	196	112926	20.864	ng/ul	98
43) 1,1'-Biphenyl	13.545	154	428372	22.072	ng/ul	99
44) 2-Chloronaphthalene	13.592	162	333835	21.835	ng/ul	99
45) 2-Nitroaniline	13.816	65	100228	20.835	ng/ul	96
47) Dimethylphthalate	14.163	163	404355	20.631	ng/ul	100
48) 2,6-Dinitrotoluene	14.304	165	80433	20.231	ng/ul	96
50) Acenaphthylene	14.434	152	503522	21.465	ng/ul	100
51) 3-Nitroaniline	14.651	138	62991	20.204	ng/ul	99
52) Acenaphthene	14.775	153	349749	21.501	ng/ul	98
53) 2,4-Dinitrophenol	14.881	184	30979	14.687	ng/ul	99
55) 4-Nitrophenol	14.969	109	41656	16.084	ng/ul	91
56) Dibenzofuran	15.110	168	474607	21.018	ng/ul	100
57) 2,4-Dinitrotoluene	15.104	165	110073	20.317	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.351	232	96578	20.774	ng/ul	98
59) Diethylphthalate	15.522	149	404153	20.377	ng/ul	98
61) Fluorene	15.763	166	382563	20.887	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	194454	20.748	ng/ul	99
63) 4-Nitroaniline	15.822	138	41645m	19.517	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.875	198	57513	18.477	ng/ul#	99
67) N-Nitrosodiphenylamine	15.969	169	314959	21.031	ng/ul	100
68) 4-Bromophenyl-phenylether	16.651	248	119022	20.835	ng/ul	95
69) Hexachlorobenzene	16.775	284	140184	20.797	ng/ul	97
70) Atrazine	16.922	200	119199	20.793	ng/ul	97
71) Pentachlorophenol	17.133	266	64849	20.046	ng/ul	99
72) Phenanthrene	17.516	178	578125	21.273	ng/ul	99
74) Anthracene	17.610	178	592103	21.683	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.516	216	182391	22.406	ng/uL	99
76) Pentachlorobenzene	15.034	250	174855	21.284	ng/uL	99
77) Carbazole	17.886	167	511804	22.237	ng/ul	99
78) Di-n-butylphthalate	18.404	149	659288	21.607	ng/ul	99
80) Fluoranthene	19.475	202	702119	16.407	ng/ul	99
82) Pyrene	19.833	202	742310	17.005	ng/ul	99
83) Butylbenzylphthalate	20.680	149	326661	18.342	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.474	252	272802	22.885	ng/ul	99
85) Benzo(a)anthracene	21.545	228	764767	20.617	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	487026	19.899	ng/ul	98
87) Chrysene	21.604	228	751097	21.342	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	887776	18.387	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	864902	20.374	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	867768	20.232	ng/ul	99
93) Benzo(a)pyrene	23.998	252	776019	20.921	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.821	276	1077894	21.406	ng/ul	98
95) Dibenzo(a,h)anthracene	26.821	278	886699	21.438	ng/ul	99
96) Benzo(g,h,i)perylene	27.656	276	889312	21.468	ng/ul	99

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

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