Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091023\
Data File : BP017107.D
Acq On : 11 Sep 2023 16:31
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020729

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

Quant Time: Sep 12 03:40:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 06:13:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	200386	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	944821	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	611956	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1343202	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1252704	20.000	ng/ul	0.00
88) Perylene-d12	24.015	264	1327835	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	44019	8.385	ng/uL	0.00
4) Pyridine-d5	3.752	84	307734	19.438	ng/ul	0.00
7) Phenol-d5	7.105	99	350380	19.236	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	247290	20.242	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	262583	19.945	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	285854	19.838	ng/ul	0.00
21) Nitrobenzene-d5	9.157	128	131247	19.512	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	135713	19.548	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	260190	19.765	ng/ul	0.00
31) 4-Chloroaniline-d4	10.946	131	415440	19.680	ng/ul	0.00
46) Dimethylphthalate-d6	14.034	166	858052	19.705	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	981186	19.789	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	168796	18.790	ng/ul	0.00
60) Fluorene-d10	15.616	176	731175	19.788	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	118241	15.599	ng/ul	0.00
73) Anthracene-d10	17.486	188	1137832	19.763	ng/ul	0.00
81) Pyrene-d10	19.722	212	1297340	19.666	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.851	264	1237884	19.419	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	44909	7.880	ng/uL	96
5) Pyridine	3.769	79	332488	19.994	ng/ul	98
6) Benzaldehyde	7.116	77	244820	22.844	ng/ul	98
8) Phenol	7.134	94	378707	19.564	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.393	93	313147	20.285	ng/ul	99
12) 2-Chlorophenol	7.510	128	276512	20.269	ng/ul	100
13) 2-Methylphenol	8.399	108	271468	19.555	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.469	45	500627m	20.705	ng/ul	
16) Acetophenone	8.810	105	477839	20.646	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.775	70	262311	21.184	ng/ul	99
18) 4-Methylphenol	8.734	108	305610	20.141	ng/ul	97
19) Hexachloroethane	9.022	117	115375	20.070	ng/ul	95
22) Nitrobenzene	9.199	77	377762	19.592	ng/ul	98
23) Isophorone	9.710	82	702550	20.060	ng/ul	100
25) 2-Nitrophenol	9.904	139	154888	19.858	ng/ul	98
26) 2,4-Dimethylphenol	9.940	107	326208	19.580	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.199	93	435107	19.812	ng/ul	99
29) 2,4-Dichlorophenol	10.422	162	264041	19.527	ng/ul	99
30) Naphthalene	10.834	128	958470	19.690	ng/ul	99
32) 4-Chloroaniline	10.969	127	414630	19.779	ng/ul	100
33) Hexachlorobutadiene	11.063	225	144407	19.176	ng/ul	96
34) Caprolactam	11.787	113	95796	20.235	ng/ul	100
35) 4-Chloro-3-methylphenol	12.069	107	309264	20.346	ng/ul	99
36) 2-Methylnaphthalene	12.440	142	647578	19.924	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	660449	19.985	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.787	216	296075	18.675	ng/ul	99
40) Hexachlorocyclopentadiene	12.740	237	144441	15.377	ng/ul	99
41) 2,4,6-Trichlorophenol	13.045	196	201170	19.050	ng/ul	99
42) 2,4,5-Trichlorophenol	13.116	196	219115	19.063	ng/ul	98
43) 1,1'-Biphenyl	13.451	154	870573	19.235	ng/ul	99
44) 2-Chloronaphthalene	13.498	162	674093	18.996	ng/ul	99
45) 2-Nitroaniline	13.734	65	225929	20.092	ng/ul	98
47) Dimethylphthalate	14.081	163	875598	19.667	ng/ul	100
48) 2,6-Dinitrotoluene	14.222	165	154965	19.352	ng/ul	96
50) Acenaphthylene	14.345	152	1156600	19.791	ng/ul	98
51) 3-Nitroaniline	14.563	138	176981	19.430	ng/ul	97
52) Acenaphthene	14.681	153	762763	19.400	ng/ul	98
53) 2,4-Dinitrophenol	14.763	184	64947	12.865	ng/ul	98
55) 4-Nitrophenol	14.851	109	147720	19.943	ng/ul	97
56) Dibenzofuran	15.016	168	1039494	19.464	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	245142	19.969	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.234	232	176876	19.740	ng/ul	97
59) Diethylphthalate	15.434	149	888873	19.784	ng/ul	98
61) Fluorene	15.669	166	874843	19.626	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.663	204	396210	19.205	ng/ul	98
63) 4-Nitroaniline	15.734	138	176911	20.128	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.757	198	133775	16.210	ng/ul	97
67) N-Nitrosodiphenylamine	15.886	169	711108	19.248	ng/ul	100
68) 4-Bromophenyl-phenylether	16.569	248	210415	18.732	ng/ul	100
69) Hexachlorobenzene	16.645	284	235456	18.838	ng/ul	99
70) Atrazine	16.839	200	244018	19.091	ng/ul	97
71) Pentachlorophenol	17.010	266	147188	17.321	ng/ul	99
72) Phenanthrene	17.428	178	1372941	19.507	ng/ul	100
74) Anthracene	17.522	178	1399910	19.673	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	313612	18.372	ng/uL	99
76) Pentachlorobenzene	14.910	250	276141	18.776	ng/uL	99
77) Carbazole	17.810	167	1302431	20.082	ng/ul	99
78) Di-n-butylphthalate	18.322	149	1490086	19.926	ng/ul	100
80) Fluoranthene	19.398	202	1553899	19.526	ng/ul	99
82) Pyrene	19.751	202	1651450	19.430	ng/ul	97
83) Butylbenzylphthalate	20.616	149	678248	19.395	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.410	252	443073	17.319	ng/ul	99
85) Benzo(a)anthracene	21.469	228	1635724	19.478	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	974386	19.469	ng/ul	98
87) Chrysene	21.527	228	1502791	19.513	ng/ul	99
89) Di-n-octyl phthalate	22.316	149	1661961	16.784	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	1562289	19.268	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	1516432	18.600	ng/ul	99
93) Benzo(a)pyrene	23.904	252	1469777	19.500	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.698	276	1688488	19.944	ng/ul	99
95) Dibenzo(a,h)anthracene	26.721	278	1401231	19.851	ng/ul	99
96) Benzo(g,h,i)perylene	27.533	276	1316461	20.402	ng/ul	100

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

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