Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071223\
Data File : BP016193.D
Acq On : 12 Jul 2023 09:37
Operator : MA/JU
Sample : SSTD01096
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 13 10:56:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 13 01:50:08 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD010647

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

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07/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	156147	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	733793	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	490448	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.387	188	1147045	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1214731	20.000	ng/ul	0.01
88) Perylene-d12	23.986	264	1487055	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	16058	3.639	ng/uL	0.00
4) Pyridine-d5	3.752	84	83129	7.554	ng/ul	0.01
7) Phenol-d5	7.175	99	111658	7.917	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.305	67	83809	8.788	ng/ul	0.01
11) 2-Chlorophenol-d4	7.511	132	92804	9.115	ng/ul	0.02
15) 4-Methylphenol-d8	8.728	113	83404	7.341	ng/ul	0.02
21) Nitrobenzene-d5	9.175	128	43971	8.759	ng/ul	0.02
24) 2-Nitrophenol-d4	9.905	143	48293	8.467	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.487	165	89020m	8.961	ng/ul	0.04
31) 4-Chloroaniline-d4	10.993	131	137657m	8.735	ng/ul	0.03
46) Dimethylphthalate-d6	14.040	166	357483	9.555	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	389226	9.493	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	54961m	10.223	ng/ul	0.05
60) Fluorene-d10	15.622	176	296205	9.460	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	45251m	6.869	ng/ul	0.03
73) Anthracene-d10	17.498	188	476018	9.487	ng/ul	0.01
81) Pyrene-d10	19.733	212	589224	9.348	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.822	264	671522	9.509	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.323	88	19640m	4.217	ng/uL	
5) Pyridine	3.776	79	84365	7.484	ng/ul	97
6) Benzaldehyde	7.152	77	84596m	9.724	ng/ul	
8) Phenol	7.205	94	123213m	8.271	ng/ul	
10) Bis(2-Chloroethyl)ether	7.399	93	109324	8.891	ng/ul	99
12) 2-Chlorophenol	7.546	128	93883	8.887	ng/ul	99
13) 2-Methylphenol	8.458	108	95302	8.375	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.511	45	188870	9.469	ng/ul#	96
16) Acetophenone	8.840	105	163371	8.720	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.793	70	91039	9.079	ng/ul	96
18) 4-Methylphenol	8.811	108	106522	8.560	ng/ul	99
19) Hexachloroethane	9.028	117	45450	9.438	ng/ul	97
22) Nitrobenzene	9.222	77	135143	9.410	ng/ul	98
23) Isophorone	9.728	82	263440	9.165	ng/ul	99
25) 2-Nitrophenol	9.946	139	53863m	8.762	ng/ul	
26) 2,4-Dimethylphenol	10.005	107	125520	9.308	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.234	93	155667m	9.376	ng/ul	
29) 2,4-Dichlorophenol	10.522	162	92024	8.999	ng/ul	98
30) Naphthalene	10.840	128	371962	9.659	ng/ul	99
32) 4-Chloroaniline	11.016	127	135718	8.521	ng/ul	100
33) Hexachlorobutadiene	11.093	225	66868	9.628	ng/ul	99
34) Caprolactam	11.810	113	33418m	9.148	ng/ul	
35) 4-Chloro-3-methylphenol	12.146	107	111322	8.903	ng/ul	99
36) 2-Methylnaphthalene	12.469	142	242299	9.384	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	255370	9.617	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.840	216	131027	9.380	ng/ul	97
40) Hexachlorocyclopentadiene	12.769	237	44471	8.110	ng/ul	99
41) 2,4,6-Trichlorophenol	13.104	196	78526m	8.921	ng/ul	
42) 2,4,5-Trichlorophenol	13.210	196	85269m	9.472	ng/ul	
43) 1,1'-Biphenyl	13.457	154	343991	9.615	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	268684	9.559	ng/ul	99
45) 2-Nitroaniline	13.781	65	77027	8.450	ng/ul	97
47) Dimethylphthalate	14.087	163	365400	9.670	ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	62484	8.818	ng/ul	97
50) Acenaphthylene	14.346	152	451352	9.585	ng/ul	99
51) 3-Nitroaniline	14.616	138	55809	7.715	ng/ul#	82
52) Acenaphthene	14.687	153	307382	9.651	ng/ul	99
53) 2,4-Dinitrophenol	14.857	184	58558	11.745	ng/ul	95
55) 4-Nitrophenol	14.963	109	42855m	8.742	ng/ul	
56) Dibenzofuran	15.040	168	421305	9.712	ng/ul	98
57) 2,4-Dinitrotoluene	15.063	165	97480	9.358	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.281	232	78557	9.226	ng/ul	98
59) Diethylphthalate	15.440	149	378776	9.639	ng/ul	98
61) Fluorene	15.681	166	351317	9.694	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.663	204	173086	9.875	ng/ul	97
63) 4-Nitroaniline	15.798	138	52446m	8.103	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.845	198	47792m	6.976	ng/ul	
67) N-Nitrosodiphenylamine	15.893	169	292984	9.636	ng/ul	98
68) 4-Bromophenyl-phenylether	16.563	248	102906	9.440	ng/ul	98
69) Hexachlorobenzene	16.687	284	124689	9.498	ng/ul	99
70) Atrazine	16.851	200	107281	8.898	ng/ul	98
71) Pentachlorophenol	17.075	266	45513	6.914	ng/ul	96
72) Phenanthrene	17.434	178	570872	9.552	ng/ul	99
74) Anthracene	17.534	178	568644	9.469	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.434	216	142017	9.464	ng/uL	98
76) Pentachlorobenzene	14.951	250	137648	9.684	ng/uL	97
77) Carbazole	17.839	167	498175	9.098	ng/ul	98
78) Di-n-butylphthalate	18.328	149	633235	9.232	ng/ul	99
80) Fluoranthene	19.410	202	685110	9.295	ng/ul	99
82) Pyrene	19.763	202	733422	9.320	ng/ul	98
83) Butylbenzylphthalate	20.598	149	304949	8.985	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.416	252	240232	8.464	ng/ul	96
85) Benzo(a)anthracene	21.469	228	743069	9.394	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	461247	9.098	ng/ul	99
87) Chrysene	21.528	228	776191	9.686	ng/ul	100
89) Di-n-octyl phthalate	22.286	149	824410	8.851	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	777217	9.150	ng/ul	99
91) Benzo(k)fluoranthene	23.269	252	862408	9.977	ng/ul	99
93) Benzo(a)pyrene	23.874	252	792095	9.669	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.639	276	973219	9.425	ng/ul	98
95) Dibenzo(a,h)anthracene	26.645	278	768565	9.262	ng/ul	97
96) Benzo(g,h,i)perylene	27.474	276	744599	9.140	ng/ul	99

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

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