Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071423\
Data File : BP016216.D
Acq On : 14 Jul 2023 09:05
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020659

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 14 22:27:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 13 18:57:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	137820	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	678706	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	456374	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1039416	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1061207	20.000	ng/ul	0.00
88) Perylene-d12	23.998	264	1237359	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	31051	7.973	ng/uL	0.00
4) Pyridine-d5	3.734	84	203254	20.925	ng/ul	0.00
7) Phenol-d5	7.146	99	257453	20.681	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.287	67	179478	21.322	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.493	132	197351	21.961	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	212179	21.158	ng/ul	0.00
21) Nitrobenzene-d5	9.152	128	101536	21.685	ng/ul	0.00
24) 2-Nitrophenol-d4	9.881	143	112804	21.138	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.446	165	200231	21.667	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.963	131	302932	20.451	ng/ul	0.00
46) Dimethylphthalate-d6	14.034	166	718444	20.637	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	821422	21.530	ng/ul	0.00
54) 4-Nitrophenol-d4	14.939	143	118794m	16.721	ng/ul	0.00
60) Fluorene-d10	15.616	176	607859	20.864	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	106629	17.770	ng/ul	0.00
73) Anthracene-d10	17.492	188	965235	21.230	ng/ul	0.00
81) Pyrene-d10	19.727	212	1184984	21.519	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.821	264	1288875	21.690	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	35521	8.314	ng/uL	92
5) Pyridine	3.752	79	210953	21.203	ng/ul	98
6) Benzaldehyde	7.122	77	177805	22.875	ng/ul	91
8) Phenol	7.175	94	281053	21.062	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.387	93	227861	20.996	ng/ul	97
12) 2-Chlorophenol	7.522	128	202855	21.757	ng/ul	98
13) 2-Methylphenol	8.434	108	214567	21.363	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.481	45	385100	21.865	ng/ul	99
16) Acetophenone	8.810	105	375690	22.719	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.775	70	202903	22.887	ng/ul	98
18) 4-Methylphenol	8.781	108	232605	21.178	ng/ul	98
19) Hexachloroethane	9.022	117	88807	20.893	ng/ul	94
22) Nitrobenzene	9.199	77	283143	20.813	ng/ul	99
23) Isophorone	9.710	82	573059	21.251	ng/ul	99
25) 2-Nitrophenol	9.922	139	123769	21.586	ng/ul	92
26) 2,4-Dimethylphenol	9.975	107	271701	21.548	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.199	93	336328	21.419	ng/ul	99
29) 2,4-Dichlorophenol	10.481	162	208949	21.989	ng/ul	96
30) Naphthalene	10.828	128	746996	20.973	ng/ul	99
32) 4-Chloroaniline	10.987	127	297741	20.210	ng/ul	100
33) Hexachlorobutadiene	11.087	225	132932	20.597	ng/ul	100
34) Caprolactam	11.798	113	73573m	21.387	ng/ul	
35) 4-Chloro-3-methylphenol	12.122	107	254149	21.673	ng/ul	98
36) 2-Methylnaphthalene	12.451	142	508838	21.307	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	524348	21.349	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.822	216	273575	21.048	ng/ul	98
40) Hexachlorocyclopentadiene	12.763	237	119211	23.363	ng/ul	99
41) 2,4,6-Trichlorophenol	13.081	196	175167	21.331	ng/ul	97
42) 2,4,5-Trichlorophenol	13.175	196	175603	20.113	ng/ul	96
43) 1,1'-Biphenyl	13.451	154	699332	21.007	ng/ul	98
44) 2-Chloronaphthalene	13.504	162	555596	21.242	ng/ul	99
45) 2-Nitroaniline	13.751	65	173862	20.397	ng/ul	98
47) Dimethylphthalate	14.081	163	721765	20.527	ng/ul	100
48) 2,6-Dinitrotoluene	14.234	165	136323	20.566	ng/ul	95
50) Acenaphthylene	14.345	152	935849	21.357	ng/ul	99
51) 3-Nitroaniline	14.592	138	131846	19.587	ng/ul	97
52) Acenaphthene	14.681	153	619911	20.917	ng/ul	98
53) 2,4-Dinitrophenol	14.834	184	88409m	19.056	ng/ul	
55) 4-Nitrophenol	14.939	109	85743	15.859	ng/ul	86
56) Dibenzofuran	15.028	168	854921	21.178	ng/ul	100
57) 2,4-Dinitrotoluene	15.045	165	212102	21.691	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.269	232	167055	21.084	ng/ul	99
59) Diethylphthalate	15.434	149	752664	20.585	ng/ul	99
61) Fluorene	15.675	166	708280	21.003	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	343321	21.050	ng/ul	96
63) 4-Nitroaniline	15.769	138	114262	18.483	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.816	198	107971	17.216	ng/ul#	96
67) N-Nitrosodiphenylamine	15.886	169	590767	21.443	ng/ul	98
68) 4-Bromophenyl-phenylether	16.563	248	212487	21.511	ng/ul	99
69) Hexachlorobenzene	16.686	284	255902	21.512	ng/ul	99
70) Atrazine	16.845	200	221572	20.281	ng/ul	98
71) Pentachlorophenol	17.063	266	107067	17.948	ng/ul	97
72) Phenanthrene	17.428	178	1155101	21.328	ng/ul	99
74) Anthracene	17.528	178	1180294	21.689	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.422	216	296376	21.720	ng/uL	99
76) Pentachlorobenzene	14.945	250	279372	21.690	ng/uL	99
77) Carbazole	17.822	167	1036230	20.884	ng/ul	99
78) Di-n-butylphthalate	18.322	149	1304688	20.991	ng/ul	99
80) Fluoranthene	19.404	202	1389954	21.586	ng/ul	99
82) Pyrene	19.757	202	1474679	21.450	ng/ul	99
83) Butylbenzylphthalate	20.604	149	621514	20.962	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.404	252	462053	18.635	ng/ul	100
85) Benzo(a)anthracene	21.469	228	1497754	21.674	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	911792	20.586	ng/ul	99
87) Chrysene	21.527	228	1446821	20.667	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	1619895	20.900	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	1519198	21.494	ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	1582628	22.003	ng/ul	99
93) Benzo(a)pyrene	23.880	252	1480220	21.141	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.633	276	1720352	19.842	ng/ul	100
95) Dibenzo(a,h)anthracene	26.639	278	1400493	19.803	ng/ul	99
96) Benzo(g,h,i)perylene	27.468	276	1324274	19.135	ng/ul	99

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

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