Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
Data File : BP015507.D
Acq On : 14 Jun 2023 09:18
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020749

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 14 23:13:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 09 23:33:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	135668	20.000	ng/ul	0.00
20) Naphthalene-d8	10.916	136	638857	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.734	164	439790	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	1036828	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	1053259	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	1166457	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	28131	7.678	ng/uL	0.00
4) Pyridine-d5	3.846	84	200591	21.078	ng/ul	0.00
7) Phenol-d5	7.240	99	246359	19.711	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.411	67	152475	20.427	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	182503	20.140	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	204386	19.925	ng/ul	0.00
21) Nitrobenzene-d5	9.269	128	99307	19.799	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	111713	19.503	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	212828	20.369	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	302203	20.150	ng/ul	0.00
46) Dimethylphthalate-d6	14.140	166	692344	19.964	ng/ul	0.00
49) Acenaphthylene-d8	14.428	160	776977	20.489	ng/ul	0.00
54) 4-Nitrophenol-d4	14.934	143	99174	15.969	ng/ul	0.00
60) Fluorene-d10	15.722	176	604259	20.662	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	113102	17.219	ng/ul	0.00
73) Anthracene-d10	17.586	188	962996	20.414	ng/ul	0.00
81) Pyrene-d10	19.810	212	1187146	21.059	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	1185902	20.262	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	31255	8.076	ng/uL	89
5) Pyridine	3.870	79	203135	20.589	ng/ul	97
6) Benzaldehyde	7.222	77	80596m	16.870	ng/ul	
8) Phenol	7.269	94	256874	19.921	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.505	93	207120	20.316	ng/ul	100
12) 2-Chlorophenol	7.646	128	193935	20.256	ng/ul	98
13) 2-Methylphenol	8.534	108	201372	20.297	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.616	45	283162	20.959	ng/ul	97
16) Acetophenone	8.922	105	341548	20.864	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.905	70	181227	20.511	ng/ul	98
18) 4-Methylphenol	8.869	108	224280	20.546	ng/ul	97
19) Hexachloroethane	9.175	117	82393	20.365	ng/ul	100
22) Nitrobenzene	9.310	77	272462	20.484	ng/ul	100
23) Isophorone	9.840	82	518605	19.477	ng/ul	99
25) 2-Nitrophenol	10.028	139	124609	20.149	ng/ul	99
26) 2,4-Dimethylphenol	10.081	107	264243	20.148	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.316	93	308200	19.909	ng/ul	99
29) 2,4-Dichlorophenol	10.563	162	217769	20.962	ng/ul	99
30) Naphthalene	10.969	128	692167	19.994	ng/ul	100
32) 4-Chloroaniline	11.081	127	316930	20.423	ng/ul	98
33) Hexachlorobutadiene	11.246	225	142499	20.339	ng/ul	96
34) Caprolactam	11.857	113	70335m	17.985	ng/ul	
35) 4-Chloro-3-methylphenol	12.198	107	259800	20.640	ng/ul	97
36) 2-Methylnaphthalene	12.569	142	494219	20.307	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.787	142	502450	20.505	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.934	216	285087	20.817	ng/ul	98
40) Hexachlorocyclopentadiene	12.904	237	109822	19.564	ng/ul	97
41) 2,4,6-Trichlorophenol	13.175	196	188992	20.735	ng/ul	98
42) 2,4,5-Trichlorophenol	13.246	196	204342	20.573	ng/ul	99
43) 1,1'-Biphenyl	13.569	154	698947	20.551	ng/ul	100
44) 2-Chloronaphthalene	13.616	162	550693	20.638	ng/ul	99
45) 2-Nitroaniline	13.822	65	176216	20.634	ng/ul	92
47) Dimethylphthalate	14.187	163	724340	20.229	ng/ul	100
48) 2,6-Dinitrotoluene	14.316	165	147678	20.130	ng/ul	97
50) Acenaphthylene	14.457	152	857395	20.417	ng/ul	99
51) 3-Nitroaniline	14.645	138	101450	16.752	ng/ul	96
52) Acenaphthene	14.798	153	598644	20.623	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	62055	14.062	ng/ul	96
55) 4-Nitrophenol	14.951	109	100409	16.762	ng/ul	96
56) Dibenzofuran	15.134	168	860372	20.912	ng/ul	100
57) 2,4-Dinitrotoluene	15.104	165	219374	20.332	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.357	232	188428	21.011	ng/ul	98
59) Diethylphthalate	15.545	149	760685	20.728	ng/ul	99
61) Fluorene	15.781	166	698516	20.827	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.769	204	352908	20.878	ng/ul	98
63) 4-Nitroaniline	15.810	138	95090	16.554	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.869	198	114925	17.155	ng/ul#	95
67) N-Nitrosodiphenylamine	15.987	169	600503	20.415	ng/ul	99
68) 4-Bromophenyl-phenylether	16.669	248	227458	20.506	ng/ul	97
69) Hexachlorobenzene	16.787	284	270043	20.639	ng/ul	96
70) Atrazine	16.939	200	239576	20.396	ng/ul	97
71) Pentachlorophenol	17.139	266	144064	19.480	ng/ul	99
72) Phenanthrene	17.534	178	1155640	20.770	ng/ul	99
74) Anthracene	17.622	178	1170804	20.739	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.540	216	297374	20.781	ng/uL	98
76) Pentachlorobenzene	15.051	250	307154	20.501	ng/uL	99
77) Carbazole	17.892	167	1051007	20.676	ng/ul	99
78) Di-n-butylphthalate	18.422	149	1353830	20.991	ng/ul	99
80) Fluoranthene	19.486	202	1440638	20.980	ng/ul	99
82) Pyrene	19.839	202	1506730	21.209	ng/ul	100
83) Butylbenzylphthalate	20.698	149	664117	21.151	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.486	252	449448	18.062	ng/ul	99
85) Benzo(a)anthracene	21.557	228	1531444	20.799	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	1004630	21.646	ng/ul	99
87) Chrysene	21.610	228	1431507	20.568	ng/ul	99
89) Di-n-octyl phthalate	22.422	149	1762171	22.986	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	1569620	20.846	ng/ul	100
91) Benzo(k)fluoranthene	23.386	252	1501059	20.623	ng/ul	99
93) Benzo(a)pyrene	24.010	252	1330842	20.273	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.821	276	1585220	18.659	ng/ul	99
95) Dibenzo(a,h)anthracene	26.833	278	1306444	18.875	ng/ul	99
96) Benzo(g,h,i)perylene	27.651	276	1288729	18.407	ng/ul	97

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

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Instrument :
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