Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071323\
Data File : BP016200.D
Acq On : 13 Jul 2023 09:24
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020657

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/13/2023
Supervised By :Sohil Jodhani 07/13/2023

Quant Time: Jul 13 18:53:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 13 11:03:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	134794	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	658825	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	441314	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	1001410	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	1032452	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	1235019	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	30263	7.945	ng/uL	0.00
4) Pyridine-d5	3.740	84	176854	18.616	ng/ul	0.00
7) Phenol-d5	7.157	99	241525	19.837	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	168414	20.456	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	190725	21.700	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	196819	20.067	ng/ul	0.00
21) Nitrobenzene-d5	9.157	128	95127	20.929	ng/ul	0.00
24) 2-Nitrophenol-d4	9.893	143	108978	21.037	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	195743	21.820	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	285909	19.884	ng/ul	0.00
46) Dimethylphthalate-d6	14.033	166	707404	21.014	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	775846	21.030	ng/ul	0.00
54) 4-Nitrophenol-d4	14.939	143	115723m	16.844	ng/ul	0.04
60) Fluorene-d10	15.616	176	588769	20.898	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	99914	17.283	ng/ul	0.00
73) Anthracene-d10	17.486	188	938688	21.429	ng/ul	0.00
81) Pyrene-d10	19.721	212	1140816	21.294	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	1269960	21.413	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	33560	8.032	ng/uL#	97
5) Pyridine	3.763	79	180924	18.593	ng/ul	95
6) Benzaldehyde	7.134	77	164420	21.628	ng/ul	95
8) Phenol	7.187	94	266110	20.389	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.393	93	221577	20.876	ng/ul	98
12) 2-Chlorophenol	7.534	128	192583	21.119	ng/ul	98
13) 2-Methylphenol	8.440	108	202365	20.600	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.493	45	372537	21.627	ng/ul	99
16) Acetophenone	8.822	105	345818	21.382	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.781	70	200220	23.091	ng/ul	97
18) 4-Methylphenol	8.787	108	223630	20.818	ng/ul	95
19) Hexachloroethane	9.028	117	86379	20.778	ng/ul	99
22) Nitrobenzene	9.204	77	281085	21.285	ng/ul	99
23) Isophorone	9.716	82	557161	21.284	ng/ul	99
25) 2-Nitrophenol	9.928	139	117210	21.059	ng/ul	94
26) 2,4-Dimethylphenol	9.981	107	256865	20.986	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.210	93	334539	21.948	ng/ul	98
29) 2,4-Dichlorophenol	10.487	162	197739	21.437	ng/ul	99
30) Naphthalene	10.834	128	717500	20.752	ng/ul	98
32) 4-Chloroaniline	10.992	127	276041	19.302	ng/ul	96
33) Hexachlorobutadiene	11.087	225	129646	20.694	ng/ul	99
34) Caprolactam	11.804	113	72401m	21.681	ng/ul	
35) 4-Chloro-3-methylphenol	12.128	107	248872	21.863	ng/ul	96
36) 2-Methylnaphthalene	12.457	142	494605	21.336	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	503746	21.129	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.822	216	264095	21.012	ng/ul	98
40) Hexachlorocyclopentadiene	12.763	237	112878	22.876	ng/ul	96
41) 2,4,6-Trichlorophenol	13.086	196	163289	20.563	ng/ul	97
42) 2,4,5-Trichlorophenol	13.186	196	176274	20.879	ng/ul	97
43) 1,1'-Biphenyl	13.451	154	679655	21.112	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	526000	20.797	ng/ul	99
45) 2-Nitroaniline	13.751	65	169352	20.546	ng/ul	94
47) Dimethylphthalate	14.081	163	714033	21.001	ng/ul	99
48) 2,6-Dinitrotoluene	14.233	165	132101	20.609	ng/ul	97
50) Acenaphthylene	14.339	152	894184	21.103	ng/ul	99
51) 3-Nitroaniline	14.592	138	128585	19.754	ng/ul	96
52) Acenaphthene	14.681	153	602160	21.012	ng/ul	99
53) 2,4-Dinitrophenol	14.833	184	98530m	21.962	ng/ul	
55) 4-Nitrophenol	14.939	109	83250	15.923	ng/ul	88
56) Dibenzofuran	15.028	168	820299	21.014	ng/ul	98
57) 2,4-Dinitrotoluene	15.045	165	204715	21.650	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.269	232	158136	20.639	ng/ul	97
59) Diethylphthalate	15.433	149	750784	21.234	ng/ul	100
61) Fluorene	15.669	166	679308	20.831	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	331258	21.003	ng/ul	98
63) 4-Nitroaniline	15.775	138	116174m	19.433	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.816	198	115248	19.074	ng/ul#	95
67) N-Nitrosodiphenylamine	15.886	169	576033	21.701	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	202241	21.251	ng/ul	98
69) Hexachlorobenzene	16.680	284	242136	21.127	ng/ul	100
70) Atrazine	16.845	200	216994	20.616	ng/ul	98
71) Pentachlorophenol	17.057	266	102136	17.772	ng/ul	99
72) Phenanthrene	17.427	178	1105799	21.193	ng/ul	100
74) Anthracene	17.522	178	1129567	21.544	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.422	216	281720	21.429	ng/uL	99
76) Pentachlorobenzene	14.945	250	265287	21.378	ng/uL	99
77) Carbazole	17.822	167	987450	20.657	ng/ul	97
78) Di-n-butylphthalate	18.316	149	1280201	21.378	ng/ul	99
80) Fluoranthene	19.398	202	1332633	21.272	ng/ul	100
82) Pyrene	19.757	202	1411068	21.096	ng/ul	99
83) Butylbenzylphthalate	20.598	149	609218	21.120	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.404	252	470634	19.509	ng/ul	99
85) Benzo(a)anthracene	21.462	228	1441996	21.448	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	926386	21.498	ng/ul	99
87) Chrysene	21.521	228	1430839	21.008	ng/ul	100
89) Di-n-octyl phthalate	22.286	149	1631771	21.094	ng/ul	100
90) Benzo(b)fluoranthene	23.204	252	1502927	21.304	ng/ul	99
91) Benzo(k)fluoranthene	23.257	252	1546891	21.547	ng/ul	100
93) Benzo(a)pyrene	23.874	252	1456453	20.841	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.621	276	1771294	20.468	ng/ul	99
95) Dibenzo(a,h)anthracene	26.621	278	1421601	20.140	ng/ul	99
96) Benzo(g,h,i)perylene	27.450	276	1370188	19.836	ng/ul	99

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

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