Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030823\
Data File : BP014004.D
Acq On : 09 Mar 2023 11:31
Operator : CG/JU
Sample : 01713-12MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBZZ0MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023

Quant Time: Mar 10 00:17:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 09 01:10:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	131444	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	550803	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	398807	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	940304	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	963974	20.000	ng/ul	0.00
88) Perylene-d12	24.086	264	958570	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	10671	3.067	ng/uL	0.00
4) Pyridine-d5	3.881	84	23613	2.451	ng/ul	0.01
7) Phenol-d5	7.228	99	198064	17.075	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	116251	17.184	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	149719	16.941	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	146989	15.513	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	76856	17.488	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	92424	17.568	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	175418	17.721	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	185903	14.191	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	607965	17.963	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	626974	17.487	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	101440	17.007	ng/ul	0.00
60) Fluorene-d10	15.710	176	514635	17.941	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	124390	17.503	ng/ul	0.00
73) Anthracene-d10	17.575	188	829092	18.163	ng/ul	0.00
81) Pyrene-d10	19.792	212	1133592	21.322	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	1022105	20.046	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	25597	6.816	ng/uL	96
5) Pyridine	3.899	79	35434	3.627	ng/ul	94
6) Benzaldehyde	7.210	77	140741m	24.385	ng/ul	
8) Phenol	7.257	94	238388	19.928	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.493	93	178171	19.441	ng/ul	97
12) 2-Chlorophenol	7.640	128	175317	19.690	ng/ul	98
13) 2-Methylphenol	8.522	108	159923	17.979	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.604	45	202767	20.488	ng/ul	99
16) Acetophenone	8.910	105	325494	21.265	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.893	70	157450	20.107	ng/ul	99
18) 4-Methylphenol	8.851	108	179245	18.321	ng/ul	98
19) Hexachloroethane	9.169	117	74892	19.204	ng/ul	98
22) Nitrobenzene	9.293	77	235110	19.999	ng/ul	99
23) Isophorone	9.822	82	458690	20.260	ng/ul	98
25) 2-Nitrophenol	10.010	139	111072	20.485	ng/ul	99
26) 2,4-Dimethylphenol	10.063	107	92823	7.821	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.304	93	265179	20.250	ng/ul	99
29) 2,4-Dichlorophenol	10.546	162	187691	19.222	ng/ul	98
30) Naphthalene	10.951	128	595731	19.696	ng/ul	100
32) 4-Chloroaniline	11.063	127	210593	15.976	ng/ul	100
33) Hexachlorobutadiene	11.234	225	145616	18.741	ng/ul	96
34) Caprolactam	11.845	113	64620	20.382	ng/ul	98
35) 4-Chloro-3-methylphenol	12.175	107	227635	20.161	ng/ul	99
36) 2-Methylnaphthalene	12.551	142	423683	19.971	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.769	142	434112	20.359	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.916	216	278786	19.331	ng/ul	98
40) Hexachlorocyclopentadiene	12.892	237	91916	8.901	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.151	196	179625	19.827	ng/ul	96
42) 2,4,5-Trichlorophenol	13.228	196	203453	20.463	ng/ul	98
43) 1,1'-Biphenyl	13.551	154	605348	19.716	ng/ul	99
44) 2-Chloronaphthalene	13.598	162	483832	19.841	ng/ul	98
45) 2-Nitroaniline	13.804	65	152548	21.151	ng/ul	98
47) Dimethylphthalate	14.169	163	666264	19.888	ng/ul	100
48) 2,6-Dinitrotoluene	14.292	165	138410	20.897	ng/ul	99
50) Acenaphthylene	14.439	152	746649	19.843	ng/ul	99
51) 3-Nitroaniline	14.622	138	121043	20.640	ng/ul	97
52) Acenaphthene	14.781	153	524592	19.943	ng/ul	99
53) 2,4-Dinitrophenol	14.828	184	90274	18.251	ng/ul	98
55) 4-Nitrophenol	14.928	109	133074	20.655	ng/ul	97
56) Dibenzofuran	15.116	168	759764	19.854	ng/ul	98
57) 2,4-Dinitrotoluene	15.081	165	211180	21.340	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.339	232	197662	20.781	ng/ul	100
59) Diethylphthalate	15.528	149	705344	20.758	ng/ul	99
61) Fluorene	15.763	166	637623	20.101	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	347543	19.851	ng/ul	99
63) 4-Nitroaniline	15.786	138	131587	21.829	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.839	198	140937	20.786	ng/ul	91
67) N-Nitrosodiphenylamine	15.969	169	561888	21.158	ng/ul	100
68) 4-Bromophenyl-phenylether	16.651	248	235488	20.716	ng/ul	98
69) Hexachlorobenzene	16.775	284	282862	21.116	ng/ul	99
70) Atrazine	16.922	200	243832	21.288	ng/ul	99
71) Pentachlorophenol	17.116	266	159725	18.242	ng/ul	99
72) Phenanthrene	17.516	178	1126891	21.972	ng/ul	100
74) Anthracene	17.610	178	1074235	20.658	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.522	216	287655	19.933	ng/uL	99
76) Pentachlorobenzene	15.033	250	301584	20.119	ng/uL	99
77) Carbazole	17.875	167	1026040	22.369	ng/ul	99
78) Di-n-butylphthalate	18.404	149	1316544	22.966	ng/ul	99
80) Fluoranthene	19.469	202	1501811	24.783	ng/ul	100
82) Pyrene	19.821	202	1560050	24.678	ng/ul	100
83) Butylbenzylphthalate	20.674	149	605384	23.750	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.457	252	374989	15.196	ng/ul	97
85) Benzo(a)anthracene	21.533	228	1561531	23.031	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	909835	23.875	ng/ul	99
87) Chrysene	21.586	228	1477241	22.861	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	1583238	26.176	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	1567882	24.547	ng/ul	98
91) Benzo(k)fluoranthene	23.357	252	1449775	23.803	ng/ul	100
93) Benzo(a)pyrene	23.974	252	1262450	22.723	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.756	276	1419838	19.305	ng/ul	98
95) Dibenzo(a,h)anthracene	26.768	278	1183484	19.361	ng/ul	99
96) Benzo(g,h,i)perylene	27.574	276	1006125	17.115	ng/ul	98

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

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