Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071123\
Data File : BP016186.D
Acq On : 11 Jul 2023 17:43
Operator : MA/JU
Sample : SSTD02097
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020641

Quant Time: Jul 12 01:15:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 12 00:24:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	193437	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	908268	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	592924	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.381	188	1339510	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	1370566	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	1635933	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	43816	8.150	ng/uL	0.00
4) Pyridine-d5	3.740	84	266273	19.647	ng/ul	0.00
7) Phenol-d5	7.152	99	348349	21.047	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	243983	23.827	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	273628	21.901	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	287476	21.987	ng/ul	0.00
21) Nitrobenzene-d5	9.157	128	136509	19.666	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	155609	19.208	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.452	165	261788	18.134	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	405370	21.858	ng/ul	0.00
46) Dimethylphthalate-d6	14.034	166	949952	20.728	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	1059208	20.560	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	96141	15.897	ng/ul	0.00
60) Fluorene-d10	15.616	176	784037	20.777	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	150050	18.215	ng/ul	0.00
73) Anthracene-d10	17.486	188	1239066	20.251	ng/ul	0.00
81) Pyrene-d10	19.722	212	1514882	16.927	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.816	264	1679785	20.355	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	49744	8.597	ng/uL	100
5) Pyridine	3.758	79	285944	20.168	ng/ul	100
6) Benzaldehyde	7.128	77	242792	36.284	ng/ul	100
8) Phenol	7.181	94	385763	22.461	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.393	93	314222	22.994	ng/ul	100
12) 2-Chlorophenol	7.528	128	277956	20.941	ng/ul	100
13) 2-Methylphenol	8.434	108	291973	22.516	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.487	45	519668	27.843	ng/ul	100
16) Acetophenone	8.816	105	504017	23.450	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.787	70	277425	23.240	ng/ul	100
18) 4-Methylphenol	8.781	108	320203	22.982	ng/ul	100
19) Hexachloroethane	9.028	117	122004	19.901	ng/ul	100
22) Nitrobenzene	9.199	77	394401	20.233	ng/ul	100
23) Isophorone	9.716	82	777772	20.851	ng/ul	100
25) 2-Nitrophenol	9.922	139	169094	19.667	ng/ul	100
26) 2,4-Dimethylphenol	9.981	107	366091	19.369	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.204	93	452121	21.471	ng/ul	100
29) 2,4-Dichlorophenol	10.481	162	273225	19.036	ng/ul	100
30) Naphthalene	10.834	128	999619	20.245	ng/ul	100
32) 4-Chloroaniline	10.987	127	403776	20.956	ng/ul	100
33) Hexachlorobutadiene	11.093	225	174559	16.105	ng/ul	100
34) Caprolactam	11.804	113	104101m	23.712	ng/ul	
35) 4-Chloro-3-methylphenol	12.122	107	339462	20.206	ng/ul	100
36) 2-Methylnaphthalene	12.451	142	680424	20.934	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	697974	21.050	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.822	216	356086	18.224	ng/ul	100
40) Hexachlorocyclopentadiene	12.769	237	91643	15.678	ng/ul	100
41) 2,4,6-Trichlorophenol	13.081	196	229837	18.613	ng/ul	100
42) 2,4,5-Trichlorophenol	13.181	196	247474	18.895	ng/ul	100
43) 1,1'-Biphenyl	13.451	154	916378	19.513	ng/ul	100
44) 2-Chloronaphthalene	13.504	162	721545	19.503	ng/ul	100
45) 2-Nitroaniline	13.751	65	241024	20.705	ng/ul	100
47) Dimethylphthalate	14.081	163	955304	20.142	ng/ul	100
48) 2,6-Dinitrotoluene	14.234	165	182540	18.974	ng/ul	100
50) Acenaphthylene	14.345	152	1226234	21.602	ng/ul	100
51) 3-Nitroaniline	14.587	138	176284	23.366	ng/ul	100
52) Acenaphthene	14.681	153	804114	20.428	ng/ul	100
53) 2,4-Dinitrophenol	14.834	184	83015	16.264	ng/ul	100
55) 4-Nitrophenol	14.922	109	125635m	20.047	ng/ul	
56) Dibenzofuran	15.028	168	1106339	20.247	ng/ul	100
57) 2,4-Dinitrotoluene	15.045	165	280175	21.371	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.269	232	216384	19.234	ng/ul	100
59) Diethylphthalate	15.434	149	987366	20.572	ng/ul	100
61) Fluorene	15.675	166	910834	20.550	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.657	204	437751	19.302	ng/ul	100
63) 4-Nitroaniline	15.763	138	154376	29.898	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.816	198	156589	18.787	ng/ul	100
67) N-Nitrosodiphenylamine	15.887	169	770193	19.207	ng/ul	100
68) 4-Bromophenyl-phenylether	16.557	248	266056	17.394	ng/ul	100
69) Hexachlorobenzene	16.681	284	315163	17.462	ng/ul	100
70) Atrazine	16.845	200	294262	19.170	ng/ul	100
71) Pentachlorophenol	17.057	266	141138	16.293	ng/ul	100
72) Phenanthrene	17.428	178	1467289	20.163	ng/ul	100
74) Anthracene	17.528	178	1498469	20.493	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.422	216	379418	17.407	ng/uL	100
76) Pentachlorobenzene	14.945	250	353453	16.067	ng/uL	100
77) Carbazole	17.822	167	1321398	21.441	ng/ul	100
78) Di-n-butylphthalate	18.322	149	1738987	21.284	ng/ul	100
80) Fluoranthene	19.398	202	1774627	15.955	ng/ul	100
82) Pyrene	19.751	202	1870809	16.489	ng/ul	100
83) Butylbenzylphthalate	20.598	149	834649	18.032	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.398	252	649641	20.968	ng/ul	100
85) Benzo(a)anthracene	21.463	228	1899809	19.705	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	1243962	19.555	ng/ul	100
87) Chrysene	21.522	228	1876465	20.514	ng/ul	100
89) Di-n-octyl phthalate	22.286	149	2231455	18.665	ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	1990809	18.939	ng/ul	100
91) Benzo(k)fluoranthene	23.263	252	2056260	19.361	ng/ul	100
93) Benzo(a)pyrene	23.868	252	1967080	21.416	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.621	276	2447880	19.632	ng/ul	100
95) Dibenzo(a,h)anthracene	26.621	278	1955660	19.095	ng/ul	100
96) Benzo(g,h,i)perylene	27.445	276	1913627	18.656	ng/ul	100

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

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