Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007423.D
Acq On : 14 Oct 2021 19:27
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020697

Manual Integrations APPROVED
mohammad
10/18/2021 10:30:41 AM

Quant Time: Oct 15 00:02:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 14 13:04:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	230733	20.00	ng/ul	0.00
20) Naphthalene-d8	10.769	136	942125	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	601530	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.345	188	1272123	20.00	ng/ul	-0.01
79) Chrysene-d12	21.427	240	1240967	20.00	ng/ul	-0.02
88) Perylene-d12	23.880	264	1334173	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	46423	7.95	ng/uL	0.00
4) Pyridine-d5	3.793	84	332584	20.80	ng/ul	0.00
7) Phenol-d5	7.116	99	369291	20.49	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	222050	20.66	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	293737	20.72	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	294907	21.25	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	128626	21.57	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	122899	22.07	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.381	165	293172	21.58	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	402608	21.92	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	867324	20.84	ng/ul	-0.01
49) Acenaphthylene-d8	14.287	160	1096798	20.97	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	142596	21.35	ng/ul	0.00
60) Fluorene-d10	15.587	176	726769	20.87	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.698	200	98057	19.24	ng/ul	0.00
73) Anthracene-d10	17.445	188	1117756	20.69	ng/ul	-0.01
81) Pyrene-d10	19.675	212	1295927	20.89	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.721	264	1382650	20.83	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	49524	7.79	ng/uL	95
5) Pyridine	3.817	79	324073	20.95	ng/ul	98
6) Benzaldehyde	7.093	77	252073	24.90	ng/ul	95
8) Phenol	7.140	94	382230	20.75	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.381	93	309797	20.84	ng/ul	98
12) 2-Chlorophenol	7.522	128	299934	20.61	ng/ul	99
13) 2-Methylphenol	8.399	108	292549	21.08	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.499	45	392390	20.71	ng/ul	99
16) Acetophenone	8.781	105	463026	21.81	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.769	70	232532	21.17	ng/ul	97
18) 4-Methylphenol	8.728	108	314871	21.30	ng/ul	98
19) Hexachloroethane	9.052	117	124524	20.44	ng/ul	96
22) Nitrobenzene	9.157	77	327688	21.41	ng/ul	98
23) Isophorone	9.687	82	678445	21.17	ng/ul	99
25) 2-Nitrophenol	9.875	139	144000	22.31	ng/ul	98
26) 2,4-Dimethylphenol	9.934	107	345188	20.94	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.175	93	412393	20.77	ng/ul	99
29) 2,4-Dichlorophenol	10.410	162	285614	21.39	ng/ul	99
30) Naphthalene	10.816	128	943187	20.59	ng/ul	99
32) 4-Chloroaniline	10.916	127	406860	21.89	ng/ul	100
33) Hexachlorobutadiene	11.116	225	193679	20.66	ng/ul	99
34) Caprolactam	11.663	113	88391m	25.24	ng/ul	
35) 4-Chloro-3-methylphenol	12.040	107	313459	21.61	ng/ul	97
36) 2-Methylnaphthalene	12.428	142	655880	20.94	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.646	142	668872	21.10	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.793	216	361143	20.77	ng/ul	98
40) Hexachlorocyclopentadiene	12.781	237	217189	19.81	ng/ul	100
41) 2,4,6-Trichlorophenol	13.028	196	225532	22.06	ng/ul	99
42) 2,4,5-Trichlorophenol	13.093	196	241877	22.72	ng/ul	96
43) 1,1'-Biphenyl	13.434	154	884832	20.64	ng/ul	100
44) 2-Chloronaphthalene	13.469	162	670634	20.31	ng/ul	99
45) 2-Nitroaniline	13.663	65	173363	22.58	ng/ul	99
47) Dimethylphthalate	14.051	163	864429	20.91	ng/ul	100
48) 2,6-Dinitrotoluene	14.163	165	152000	22.17	ng/ul	98
50) Acenaphthylene	14.316	152	1097805	20.82	ng/ul	100
51) 3-Nitroaniline	14.487	138	170054	22.26	ng/ul	96
52) Acenaphthene	14.657	153	705692	20.67	ng/ul	99
53) 2,4-Dinitrophenol	14.687	184	60971	19.26	ng/ul	97
55) 4-Nitrophenol	14.787	109	125256	20.76	ng/ul	99
56) Dibenzofuran	14.992	168	1032151	20.82	ng/ul	100
57) 2,4-Dinitrotoluene	14.945	165	217463	22.59	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.216	232	192733	21.82	ng/ul	98
59) Diethylphthalate	15.422	149	860927	20.89	ng/ul	99
61) Fluorene	15.645	166	785124	20.90	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	397986	20.81	ng/ul	98
63) 4-Nitroaniline	15.645	138	164401	24.28	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.710	198	102946	19.52	ng/ul	99
67) N-Nitrosodiphenylamine	15.851	169	714476	20.86	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	240959	21.03	ng/ul	96
69) Hexachlorobenzene	16.651	284	288525	20.93	ng/ul	99
70) Atrazine	16.804	200	276133	21.30	ng/ul	100
71) Pentachlorophenol	16.992	266	159671	20.93	ng/ul	99
72) Phenanthrene	17.386	178	1317257	20.71	ng/ul	99
74) Anthracene	17.481	178	1316010	20.69	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	383028	20.76	ng/uL	99
76) Pentachlorobenzene	14.916	250	360277	20.95	ng/uL	99
77) Carbazole	17.745	167	1234420	22.09	ng/ul	99
78) Di-n-butylphthalate	18.310	149	1460042	21.27	ng/ul	99
80) Fluoranthene	19.351	202	1599634	20.78	ng/ul	100
82) Pyrene	19.704	202	1627021	20.96	ng/ul	100
83) Butylbenzylphthalate	20.586	149	618601	21.71	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.345	252	522825	22.14	ng/ul	98
85) Benzo(a)anthracene	21.416	228	1591804	20.88	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.357	149	953236	21.88	ng/ul	100
87) Chrysene	21.469	228	1526115	20.66	ng/ul	99
89) Di-n-octyl phthalate	22.298	149	1604334	21.31	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	1667726	20.54	ng/ul	100
91) Benzo(k)fluoranthene	23.180	252	1551009	20.48	ng/ul	100
93) Benzo(a)pyrene	23.768	252	1609944	20.73	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.439	276	1873205	20.82	ng/ul	98
95) Dibenzo(a,h)anthracene	26.468	278	1591331	20.77	ng/ul	100
96) Benzo(g,h,i)perylene	27.227	276	1598946	20.63	ng/ul	99

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

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