Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112522\
Data File : BP012723.D
Acq On : 25 Nov 2022 13:00
Operator : CG/JU
Sample : SSTD01099
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 25 15:19:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 25 15:13:37 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD010618

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay

11/26/2022
Supervised By :mohammad ahmed

11/30/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	518004	20.000	ng/ul	0.00
20) Naphthalene-d8	10.846	136	2318667	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.663	164	1531900	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.416	188	3197448	20.000	ng/ul	0.00
79) Chrysene-d12	21.504	240	2764233	20.000	ng/ul	0.00
88) Perylene-d12	24.021	264	2041222	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	50227	3.952	ng/uL	0.00
4) Pyridine-d5	3.822	84	357513	9.954	ng/ul	0.00
7) Phenol-d5	7.169	99	394153	9.026	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.346	67	268148	10.263	ng/ul	0.00
11) 2-Chlorophenol-d4	7.552	132	312419	9.297	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	321318	9.302	ng/ul	0.00
21) Nitrobenzene-d5	9.193	128	120538	7.026	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	120630	6.402	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	338394	9.968	ng/ul	0.00
31) 4-Chloroaniline-d4	10.975	131	478906	10.015	ng/ul	0.00
46) Dimethylphthalate-d6	14.069	166	1052107	9.964	ng/ul	0.00
49) Acenaphthylene-d8	14.351	160	1245604	10.428	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	155390	9.347	ng/ul	0.00
60) Fluorene-d10	15.651	176	941514	10.516	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	101834	5.758	ng/ul	0.00
73) Anthracene-d10	17.516	188	1433223	10.322	ng/ul	0.00
81) Pyrene-d10	19.739	212	1561782	10.082	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.857	264	945856	9.400	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	52577	3.873	ng/uL	96
5) Pyridine	3.840	79	354007	10.195	ng/ul	92
6) Benzaldehyde	7.157	77	230106	11.273	ng/ul	97
8) Phenol	7.193	94	425988	9.448	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.440	93	365389	10.032	ng/ul	96
12) 2-Chlorophenol	7.581	128	343950	9.543	ng/ul	97
13) 2-Methylphenol	8.457	108	327508	9.402	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.557	45	549218	11.521	ng/ul	95
16) Acetophenone	8.852	105	582541	11.034	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.834	70	276031	10.160	ng/ul	93
18) 4-Methylphenol	8.787	108	365418	9.870	ng/ul	99
19) Hexachloroethane	9.116	117	132342	9.110	ng/ul	99
22) Nitrobenzene	9.234	77	355922	8.642	ng/ul	98
23) Isophorone	9.757	82	824668	10.332	ng/ul	100
25) 2-Nitrophenol	9.946	139	158062	7.517	ng/ul	93
26) 2,4-Dimethylphenol	9.999	107	402025	9.724	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.246	93	506609	9.965	ng/ul	99
29) 2,4-Dichlorophenol	10.481	162	354858	10.116	ng/ul	99
30) Naphthalene	10.893	128	1234456	10.286	ng/ul	99
32) 4-Chloroaniline	10.998	127	503255	10.240	ng/ul	99
33) Hexachlorobutadiene	11.181	225	235840	10.153	ng/ul	99
34) Caprolactam	11.757	113	95652m	8.651	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	364022	9.479	ng/ul	94
36) 2-Methylnaphthalene	12.493	142	854143	10.348	ng/ul	99

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	853132	10.319 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.857	216	479950	10.484 ng/ul	97
40) Hexachlorocyclopentadiene	12.840	237	181499	8.150 ng/ul	99
41) 2,4,6-Trichlorophenol	13.092	196	292336	9.881 ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	316807	10.135 ng/ul	98
43) 1,1'-Biphenyl	13.498	154	1136836	10.314 ng/ul	99
44) 2-Chloronaphthalene	13.540	162	900758	10.295 ng/ul	96
45) 2-Nitroaniline	13.734	65	139745	5.864 ng/ul	92
47) Dimethylphthalate	14.110	163	1122852	10.186 ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	138894	6.414 ng/ul	97
50) Acenaphthylene	14.381	152	1376786	10.471 ng/ul	99
51) 3-Nitroaniline	14.557	138	145919	6.647 ng/ul#	98
52) Acenaphthene	14.722	153	968425	10.396 ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	66448	5.315 ng/ul	96
55) 4-Nitrophenol	14.845	109	123789	9.179 ng/ul	93
56) Dibenzofuran	15.057	168	1344328	10.674 ng/ul	97
57) 2,4-Dinitrotoluene	15.010	165	217609	7.260 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.281	232	275006	10.080 ng/ul	96
59) Diethylphthalate	15.481	149	1075349	9.825 ng/ul	97
61) Fluorene	15.710	166	1115023	11.091 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.704	204	565648	11.122 ng/ul	93
63) 4-Nitroaniline	15.716	138	134672	7.341 ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.775	198	115803	6.283 ng/ul	97
67) N-Nitrosodiphenylamine	15.916	169	924654	10.310 ng/ul	99
68) 4-Bromophenyl-phenylether	16.604	248	301623	8.845 ng/ul	92
69) Hexachlorobenzene	16.716	284	396586	9.769 ng/ul	98
70) Atrazine	16.869	200	291242	9.118 ng/ul	98
71) Pentachlorophenol	17.057	266	213575	9.369 ng/ul	100
72) Phenanthrene	17.457	178	1738995	10.442 ng/ul	100
74) Anthracene	17.551	178	1741842	10.219 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.463	216	479937	10.247 ng/uL	98
76) Pentachlorobenzene	14.975	250	509415	10.092 ng/uL	100
77) Carbazole	17.816	167	1526636	10.735 ng/ul	99
78) Di-n-butylphthalate	18.369	149	1677047	8.773 ng/ul	99
80) Fluoranthene	19.416	202	1987481	10.390 ng/ul	99
82) Pyrene	19.769	202	2098038	10.758 ng/ul	98
83) Butylbenzylphthalate	20.639	149	389561	4.973 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.410	252	409993	7.548 ng/ul	98
85) Benzo(a)anthracene	21.486	228	1954135	11.151 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	614310	5.661 ng/ul	100
87) Chrysene	21.539	228	1885911	11.462 ng/ul	100
89) Di-n-octyl phthalate	22.374	149	854335	5.798 ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	1533046	11.207 ng/ul	99
91) Benzo(k)fluoranthene	23.298	252	1545780	11.857 ng/ul	99
93) Benzo(a)pyrene	23.910	252	1226271	10.921 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.662	276	1070583	8.303 ng/ul	98
95) Dibenzo(a,h)anthracene	26.686	278	973261	8.321 ng/ul	98
96) Benzo(g,h,i)perylene	27.474	276	909584	7.865 ng/ul	98

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

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