Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112522\
Data File : BP012724.D
Acq On : 25 Nov 2022 13:34
Operator : CG/JU
Sample : SSTD02001
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 25 15:13:55 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 :
SSTD020619

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

11/26/2022

Supervised By :mohammad ahmed

11/30/2022

Supervised By :mohammad ahmed

11/30/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	493204	20.000	ng/ul	0.00
20) Naphthalene-d8	10.846	136	2185218	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.663	164	1443380	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.416	188	3019685	20.000	ng/ul	0.00
79) Chrysene-d12	21.504	240	2745651	20.000	ng/ul	0.00
88) Perylene-d12	24.021	264	2133106	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	93988	7.767	ng/uL	0.00
4) Pyridine-d5	3.822	84	723434	21.156	ng/ul	0.00
7) Phenol-d5	7.169	99	844037	20.301	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.346	67	543854	21.862	ng/ul	0.00
11) 2-Chlorophenol-d4	7.552	132	662112	20.694	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	697029	21.193	ng/ul	0.00
21) Nitrobenzene-d5	9.193	128	291781	18.046	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	307722	17.328	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	730747	22.840	ng/ul	0.00
31) 4-Chloroaniline-d4	10.975	131	1007981	22.367	ng/ul	0.00
46) Dimethylphthalate-d6	14.069	166	2185991	21.972	ng/ul	0.00
49) Acenaphthylene-d8	14.357	160	2564625	22.787	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	370120	23.628	ng/ul	0.00
60) Fluorene-d10	15.651	176	1908032	22.618	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	264339	15.827	ng/ul	0.00
73) Anthracene-d10	17.516	188	2946428	22.469	ng/ul	0.00
81) Pyrene-d10	19.739	212	3303393	21.470	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.857	264	2262828	21.519	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	103461	8.004	ng/uL	96
5) Pyridine	3.840	79	713709	21.587	ng/ul	96
6) Benzaldehyde	7.158	77	426070	21.923	ng/ul	99
8) Phenol	7.199	94	900634	20.979	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.440	93	755938	21.798	ng/ul	99
12) 2-Chlorophenol	7.581	128	721227	21.017	ng/ul	99
13) 2-Methylphenol	8.457	108	701003	21.137	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.557	45	1101557	24.269	ng/ul	96
16) Acetophenone	8.852	105	1176583	23.406	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.834	70	573157	22.156	ng/ul	93
18) 4-Methylphenol	8.787	108	785794	22.291	ng/ul	97
19) Hexachloroethane	9.116	117	273109	19.746	ng/ul	98
22) Nitrobenzene	9.234	77	787724	20.293	ng/ul	98
23) Isophorone	9.763	82	1714472	22.791	ng/ul	99
25) 2-Nitrophenol	9.946	139	384981	19.428	ng/ul	97
26) 2,4-Dimethylphenol	10.004	107	844286	21.667	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.246	93	1047414	21.860	ng/ul	100
29) 2,4-Dichlorophenol	10.481	162	757758	22.920	ng/ul	97
30) Naphthalene	10.893	128	2490834	22.023	ng/ul	100
32) 4-Chloroaniline	10.999	127	1054638	22.770	ng/ul	99
33) Hexachlorobutadiene	11.181	225	491684	22.460	ng/ul	98
34) Caprolactam	11.757	113	219540m	21.069	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	776382	21.451	ng/ul	97
36) 2-Methylnaphthalene	12.493	142	1739213	22.358	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	1743975	22.383	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.857	216	987667	22.897	ng/ul	99
40) Hexachlorocyclopentadiene	12.840	237	422432	20.133	ng/ul	99
41) 2,4,6-Trichlorophenol	13.092	196	634849	22.775	ng/ul	98
42) 2,4,5-Trichlorophenol	13.157	196	676364	22.966	ng/ul	97
43) 1,1'-Biphenyl	13.498	154	2298903	22.136	ng/ul	100
44) 2-Chloronaphthalene	13.540	162	1835129	22.261	ng/ul	97
45) 2-Nitroaniline	13.740	65	364447	16.231	ng/ul	97
47) Dimethylphthalate	14.116	163	2287951	22.028	ng/ul	100
48) 2,6-Dinitrotoluene	14.234	165	365627	17.920	ng/ul	93
50) Acenaphthylene	14.381	152	2798910	22.593	ng/ul	100
51) 3-Nitroaniline	14.557	138	370578	17.916	ng/ul	99
52) Acenaphthene	14.728	153	1959906	22.330	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	177215	15.045	ng/ul	98
55) 4-Nitrophenol	14.851	109	280566	22.079	ng/ul	94
56) Dibenzofuran	15.057	168	2674343	22.538	ng/ul	96
57) 2,4-Dinitrotoluene	15.016	165	550415	19.489	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.281	232	584666	22.745	ng/ul	98
59) Diethylphthalate	15.481	149	2230788	21.632	ng/ul	99
61) Fluorene	15.710	166	2193260	23.154	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.704	204	1127093	23.521	ng/ul	92
63) 4-Nitroaniline	15.722	138	329277	19.051	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.775	198	297985	17.119	ng/ul	97
67) N-Nitrosodiphenylamine	15.916	169	1869555	22.074	ng/ul	99
68) 4-Bromophenyl-phenylether	16.604	248	636636	19.769	ng/ul	94
69) Hexachlorobenzene	16.716	284	817026	21.311	ng/ul	97
70) Atrazine	16.869	200	625962	20.750	ng/ul	98
71) Pentachlorophenol	17.057	266	478049	22.205	ng/ul	99
72) Phenanthrene	17.457	178	3536592	22.486	ng/ul	99
74) Anthracene	17.551	178	3543068	22.009	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.463	216	995730	22.511	ng/uL	98
76) Pentachlorobenzene	14.975	250	1037882	21.773	ng/uL	100
77) Carbazole	17.816	167	3127371	23.286	ng/ul	99
78) Di-n-butylphthalate	18.369	149	3635273	20.136	ng/ul	99
80) Fluoranthene	19.416	202	4075622	21.450	ng/ul	99
82) Pyrene	19.769	202	4259938	21.992	ng/ul	98
83) Butylbenzylphthalate	20.639	149	978254	12.573	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.416	252	1078708	19.994	ng/ul	99
85) Benzo(a)anthracene	21.486	228	3987395	22.907	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	1576485	14.626	ng/ul	98
87) Chrysene	21.545	228	3777154	23.111	ng/ul	100
89) Di-n-octyl phthalate	22.380	149	2434997	15.813	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	3303429	23.110	ng/ul	99
91) Benzo(k)fluoranthene	23.298	252	3382990	24.833	ng/ul	100
93) Benzo(a)pyrene	23.910	252	2753931	23.471	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.668	276	2493066	18.502	ng/ul	99
95) Dibenzo(a,h)anthracene	26.692	278	2280060	18.654	ng/ul	100
96) Benzo(g,h,i)perylene	27.474	276	2098450	17.364	ng/ul	99

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

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