Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101723\
Data File : BP017702.D
Acq On : 17 Oct 2023 17:29
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 18 00:59:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 16:14:36 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020783

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	166538	20.000	ng/ul	0.00
20) Naphthalene-d8	10.734	136	687036	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	490623	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	1183797	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1531811	20.000	ng/ul	0.00
88) Perylene-d12	24.104	264	1870437	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	34168	7.564	ng/uL	0.00
4) Pyridine-d5	3.693	84	232749	18.640	ng/ul	0.00
7) Phenol-d5	7.057	99	288700	18.620	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	176710	18.794	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	239151	19.927	ng/ul	0.00
15) 4-Methylphenol-d8	8.622	113	238991	19.298	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	117733	20.402	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	133102	20.510	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	265447	21.763	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	360609	20.627	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	856973	20.168	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	950032	20.762	ng/ul	0.00
54) 4-Nitrophenol-d4	14.845	143	134718	18.957	ng/ul	0.00
60) Fluorene-d10	15.604	176	764668	21.156	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	160678	19.203	ng/ul	0.00
73) Anthracene-d10	17.492	188	1291751	21.137	ng/ul	0.00
81) Pyrene-d10	19.751	212	1733664	18.804	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	2162016	20.590	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	33671	7.029	ng/uL	98
5) Pyridine	3.716	79	242231	18.889	ng/ul	97
6) Benzaldehyde	7.063	77	167558	21.336	ng/ul	97
8) Phenol	7.081	94	291352	18.934	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.340	93	234551	18.996	ng/ul	98
12) 2-Chlorophenol	7.452	128	245416	20.467	ng/ul	96
13) 2-Methylphenol	8.351	108	218622	19.084	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.416	45	292105m	18.335	ng/ul	
16) Acetophenone	8.757	105	383704	19.912	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.728	70	193482	19.839	ng/ul	98
18) 4-Methylphenol	8.687	108	248053	19.921	ng/ul	98
19) Hexachloroethane	8.963	117	107483	20.065	ng/ul	86
22) Nitrobenzene	9.151	77	305155	20.587	ng/ul	97
23) Isophorone	9.663	82	521678	19.519	ng/ul	98
25) 2-Nitrophenol	9.857	139	145459	21.069	ng/ul	99
26) 2,4-Dimethylphenol	9.898	107	280924	20.478	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.157	93	326531	19.995	ng/ul	98
29) 2,4-Dichlorophenol	10.381	162	257362	21.868	ng/ul	96
30) Naphthalene	10.787	128	831162	20.810	ng/ul	99
32) 4-Chloroaniline	10.934	127	349776	20.924	ng/ul	98
33) Hexachlorobutadiene	11.010	225	203751	22.390	ng/ul	99
34) Caprolactam	11.763	113	71002	19.724	ng/ul	92
35) 4-Chloro-3-methylphenol	12.045	107	256530	20.660	ng/ul	97
36) 2-Methylnaphthalene	12.404	142	588731	21.523	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	606421	21.842	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.757	216	379307	21.191	ng/ul	98
40) Hexachlorocyclopentadiene	12.698	237	170126	21.156	ng/ul	99
41) 2,4,6-Trichlorophenol	13.022	196	231741	21.025	ng/ul	98
42) 2,4,5-Trichlorophenol	13.092	196	246075	21.147	ng/ul	96
43) 1,1'-Biphenyl	13.428	154	812978	20.218	ng/ul	99
44) 2-Chloronaphthalene	13.475	162	665089	20.675	ng/ul	98
45) 2-Nitroaniline	13.722	65	172980	19.452	ng/ul	97
47) Dimethylphthalate	14.063	163	859450	20.482	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	164095	21.129	ng/ul	99
50) Acenaphthylene	14.328	152	1061272	20.503	ng/ul	99
51) 3-Nitroaniline	14.563	138	152625	19.486	ng/ul	89
52) Acenaphthene	14.669	153	717423	20.837	ng/ul	99
53) 2,4-Dinitrophenol	14.775	184	79650	16.609	ng/ul	93
55) 4-Nitrophenol	14.857	109	128077	19.236	ng/ul	95
56) Dibenzofuran	15.004	168	1046805	21.194	ng/ul	100
57) 2,4-Dinitrotoluene	15.010	165	257756	21.501	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.228	232	242321	22.512	ng/ul	97
59) Diethylphthalate	15.428	149	866404	20.584	ng/ul	99
61) Fluorene	15.663	166	865685	21.258	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	470187	21.715	ng/ul	99
63) 4-Nitroaniline	15.739	138	159028	20.431	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.769	198	170938	19.506	ng/ul	91
67) N-Nitrosodiphenylamine	15.886	169	724703	20.488	ng/ul	100
68) 4-Bromophenyl-phenylether	16.563	248	315709	22.117	ng/ul	97
69) Hexachlorobenzene	16.645	284	340232	20.027	ng/ul	96
70) Atrazine	16.851	200	297792	21.754	ng/ul	98
71) Pentachlorophenol	17.022	266	221107	21.491	ng/ul	96
72) Phenanthrene	17.433	178	1456899	20.919	ng/ul	99
74) Anthracene	17.533	178	1495181	21.224	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	389648	20.861	ng/uL	99
76) Pentachlorobenzene	14.898	250	428401	22.349	ng/uL	97
77) Carbazole	17.822	167	1347562	21.123	ng/ul	99
78) Di-n-butylphthalate	18.333	149	1511985	19.245	ng/ul	100
80) Fluoranthene	19.421	202	1928497	18.304	ng/ul	99
82) Pyrene	19.780	202	2082427	18.919	ng/ul	98
83) Butylbenzylphthalate	20.651	149	733358	17.126	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.463	252	773476	19.713	ng/ul	98
85) Benzo(a)anthracene	21.521	228	2419482	20.599	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.398	149	1049019	16.201	ng/ul	99
87) Chrysene	21.574	228	2249979	20.758	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	1892367	15.495	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	2531229	19.873	ng/ul	99
91) Benzo(k)fluoranthene	23.357	252	2628117	20.740	ng/ul	99
93) Benzo(a)pyrene	23.986	252	2451684	20.671	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.827	276	3150387	21.659	ng/ul	98
95) Dibenzo(a,h)anthracene	26.856	278	2630185	21.575	ng/ul	97
96) Benzo(g,h,i)perylene	27.680	276	2545401	22.007	ng/ul	98

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

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