Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017586.D
Acq On : 06 Oct 2023 03:53
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020771

Quant Time: Oct 06 05:57:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 06 05:55:05 2023
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/07/2023
Supervised By :mohammad ahmed 10/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	109519	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	456497	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	302049	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.416	188	685297	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	701179	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	749155	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	22126	8.077	ng/uL	0.00
4) Pyridine-d5	3.723	84	164266	22.909	ng/ul	0.00
7) Phenol-d5	7.093	99	210698	22.866	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	128504	22.854	ng/ul	0.00
11) 2-Chlorophenol-d4	7.452	132	166325	22.924	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	171086	23.193	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	80930	23.044	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	91613	23.129	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	173984	23.693	ng/ul	0.00
31) 4-Chloroaniline-d4	10.940	131	240221	22.964	ng/ul	0.00
46) Dimethylphthalate-d6	14.040	166	535892	22.745	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	596894	22.975	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	85115	20.629	ng/ul	0.00
60) Fluorene-d10	15.628	176	462946	23.166	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.775	200	78964	18.483	ng/ul	0.00
73) Anthracene-d10	17.516	188	752002	23.706	ng/ul	0.00
81) Pyrene-d10	19.769	212	899283	23.081	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	888940	23.513	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.323	88	23079	8.196	ng/uL	95
5) Pyridine	3.740	79	170751	22.678	ng/ul	93
6) Benzaldehyde	7.093	77	118823	25.579	ng/ul	99
8) Phenol	7.116	94	210473	22.805	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.369	93	170522	22.819	ng/ul	99
12) 2-Chlorophenol	7.487	128	168441	22.938	ng/ul	99
13) 2-Methylphenol	8.387	108	156496	22.626	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.452	45	227227m	23.093	ng/ul	
16) Acetophenone	8.793	105	264673	22.750	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.758	70	141104	23.639	ng/ul	98
18) 4-Methylphenol	8.722	108	173547	23.188	ng/ul	98
19) Hexachloroethane	8.999	117	72531	22.251	ng/ul	97
22) Nitrobenzene	9.187	77	212646	23.540	ng/ul	98
23) Isophorone	9.699	82	380929	22.984	ng/ul	96
25) 2-Nitrophenol	9.893	139	96648	22.995	ng/ul	98
26) 2,4-Dimethylphenol	9.934	107	193185	23.182	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.187	93	231642	22.860	ng/ul	98
29) 2,4-Dichlorophenol	10.416	162	170446	23.905	ng/ul	96
30) Naphthalene	10.822	128	563892	23.152	ng/ul	99
32) 4-Chloroaniline	10.963	127	233799	23.414	ng/ul	99
33) Hexachlorobutadiene	11.046	225	119057	22.992	ng/ul	98
34) Caprolactam	11.793	113	51543	23.294	ng/ul	89
35) 4-Chloro-3-methylphenol	12.075	107	182404	24.239	ng/ul	98
36) 2-Methylnaphthalene	12.434	142	389704	23.416	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	397416	23.274	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.787	216	224890	22.725	ng/ul	99
40) Hexachlorocyclopentadiene	12.728	237	94844	16.993	ng/ul	96
41) 2,4,6-Trichlorophenol	13.051	196	145245	23.030	ng/ul	99
42) 2,4,5-Trichlorophenol	13.122	196	155840	23.468	ng/ul	98
43) 1,1'-Biphenyl	13.451	154	528879	22.873	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	421309	22.918	ng/ul	98
45) 2-Nitroaniline	13.746	65	121561	23.797	ng/ul	98
47) Dimethylphthalate	14.093	163	533527	22.530	ng/ul	99
48) 2,6-Dinitrotoluene	14.240	165	101630	23.031	ng/ul	98
50) Acenaphthylene	14.351	152	688096	22.902	ng/ul	100
51) 3-Nitroaniline	14.581	138	99947	23.759	ng/ul	98
52) Acenaphthene	14.693	153	450105	22.696	ng/ul	99
53) 2,4-Dinitrophenol	14.793	184	36394	13.933	ng/ul	89
55) 4-Nitrophenol	14.881	109	78974	21.315	ng/ul	98
56) Dibenzofuran	15.028	168	642780	23.030	ng/ul	100
57) 2,4-Dinitrotoluene	15.028	165	154355	23.436	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.251	232	137044	23.317	ng/ul	100
59) Diethylphthalate	15.451	149	540677	22.763	ng/ul	98
61) Fluorene	15.687	166	533371	23.138	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.681	204	276148	23.385	ng/ul	97
63) 4-Nitroaniline	15.757	138	97764	24.726	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.787	198	85310	18.665	ng/ul	99
67) N-Nitrosodiphenylamine	15.904	169	442690	23.070	ng/ul	99
68) 4-Bromophenyl-phenylether	16.587	248	168589	23.205	ng/ul	97
69) Hexachlorobenzene	16.669	284	196870	23.010	ng/ul	99
70) Atrazine	16.869	200	165973	22.356	ng/ul	99
71) Pentachlorophenol	17.039	266	113016	21.820	ng/ul	98
72) Phenanthrene	17.457	178	855102	23.184	ng/ul	99
74) Anthracene	17.551	178	870723	23.162	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.404	216	230234	22.728	ng/uL	99
76) Pentachlorobenzene	14.922	250	234058	23.276	ng/uL	99
77) Carbazole	17.845	167	778393	23.059	ng/ul	99
78) Di-n-butylphthalate	18.351	149	921861	22.658	ng/ul	99
80) Fluoranthene	19.439	202	1048414	23.098	ng/ul	99
82) Pyrene	19.798	202	1105908	23.092	ng/ul	99
83) Butylbenzylphthalate	20.669	149	415781	22.107	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.474	252	343409	21.555	ng/ul	98
85) Benzo(a)anthracene	21.533	228	1148130	23.372	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	598906	22.092	ng/ul	99
87) Chrysene	21.586	228	1055534	22.987	ng/ul	100
89) Di-n-octyl phthalate	22.398	149	1034336	21.825	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	1116728	23.746	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	1069976	22.820	ng/ul	99
93) Benzo(a)pyrene	24.010	252	1008603	22.941	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.857	276	1214371	22.594	ng/ul	100
95) Dibenzo(a,h)anthracene	26.886	278	1013577	22.381	ng/ul	99
96) Benzo(g,h,i)perylene	27.709	276	968072	22.453	ng/ul	99

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

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