Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022897.D
Acq On : 06 Nov 2024 17:15
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Nov 07 00:41:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 00:31:03 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020703

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

11/07/2024

Supervised By :mohammad ahmed

11/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	90857	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.375	136	346443	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.240	164	273334	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188	674985	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	711392	20.000	ng/ul	0.00
88) Perylene-d12	24.727	264	829337	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	15048	6.436	ng/uL	0.00
4) Pyridine-d5	3.581	84	115798	18.041	ng/ul	0.00
7) Phenol-d5	6.816	99	153247	20.037	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.964	67	83747	18.631	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	117382	21.630	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	123989	20.314	ng/ul	-0.01
21) Nitrobenzene-d5	8.758	128	57076	21.427	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.475	143	68696	22.275	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.010	165	149168	22.758	ng/ul	0.00
31) 4-Chloroaniline-d4	10.516	131	157241	20.302	ng/ul	-0.01
46) Dimethylphthalate-d6	13.634	166	434794	20.021	ng/ul	-0.03
49) Acenaphthylene-d8	13.928	160	490918	21.283	ng/ul	0.00
54) 4-Nitrophenol-d4	14.487	143	66578	18.274	ng/ul	-0.01
60) Fluorene-d10	15.257	176	403940	21.444	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.393	200	63491	14.302	ng/ul	-0.02
73) Anthracene-d10	17.151	188	689786	21.724	ng/ul	-0.01
81) Pyrene-d10	19.533	212	861431	22.898	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.521	264	954374	21.548	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	15665	6.231	ng/uL	98
5) Pyridine	3.599	79	119976	18.230	ng/ul	95
6) Benzaldehyde	6.781	77	93855	22.709	ng/ul	98
8) Phenol	6.846	94	159605	20.058	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.052	93	113069	18.987	ng/ul	98
12) 2-Chlorophenol	7.199	128	118292	21.079	ng/ul	95
13) 2-Methylphenol	8.058	108	117928	20.422	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.122	45	127179	18.376	ng/ul	96
16) Acetophenone	8.422	105	203959	20.241	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.405	70	101945	19.969	ng/ul	96
18) 4-Methylphenol	8.387	108	127904	19.966	ng/ul	100
19) Hexachloroethane	8.669	117	52643	20.143	ng/ul	97
22) Nitrobenzene	8.799	77	159319	20.037	ng/ul	100
23) Isophorone	9.322	82	276191	19.373	ng/ul	97
25) 2-Nitrophenol	9.505	139	72160	21.711	ng/ul	96
26) 2,4-Dimethylphenol	9.569	107	154468	21.382	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.793	93	155615	19.224	ng/ul	100
29) 2,4-Dichlorophenol	10.040	162	144786	22.431	ng/ul	99
30) Naphthalene	10.422	128	394555	21.382	ng/ul	98
32) 4-Chloroaniline	10.546	127	156690	20.495	ng/ul	98
33) Hexachlorobutadiene	10.699	225	115701	21.267	ng/ul	97
34) Caprolactam	11.328	113	40397m	19.413	ng/ul	
35) 4-Chloro-3-methylphenol	11.681	107	153799	21.838	ng/ul	98
36) 2-Methylnaphthalene	12.034	142	292372	21.585	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.252	142	293842	21.254	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.416	216	224092	22.173	ng/ul	94
40) Hexachlorocyclopentadiene	12.387	237	86845	14.104	ng/ul	99
41) 2,4,6-Trichlorophenol	12.663	196	139303	21.912	ng/ul	95
42) 2,4,5-Trichlorophenol	12.746	196	151163	22.331	ng/ul	98
43) 1,1'-Biphenyl	13.057	154	423317	21.486	ng/ul	99
44) 2-Chloronaphthalene	13.104	162	345968	21.451	ng/ul	98
45) 2-Nitroaniline	13.322	65	98880	20.532	ng/ul	97
47) Dimethylphthalate	13.681	163	429776	19.860	ng/ul	99
48) 2,6-Dinitrotoluene	13.828	165	91398	22.330	ng/ul	92
50) Acenaphthylene	13.951	152	508461	21.240	ng/ul	99
51) 3-Nitroaniline	14.169	138	77840	20.248	ng/ul	96
52) Acenaphthene	14.298	153	365209	21.574	ng/ul	98
53) 2,4-Dinitrophenol	14.375	184	53065	17.621	ng/ul	97
55) 4-Nitrophenol	14.504	109	77253	19.105	ng/ul	92
56) Dibenzofuran	14.646	168	546585	21.496	ng/ul	99
57) 2,4-Dinitrotoluene	14.622	165	140798	22.137	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.898	232	143755	22.752	ng/ul	95
59) Diethylphthalate	15.075	149	419424	20.202	ng/ul	99
61) Fluorene	15.316	166	445953	21.524	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.298	204	259360	21.891	ng/ul	99
63) 4-Nitroaniline	15.345	138	92127	23.815	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.410	198	70055	14.651	ng/ul	97
67) N-Nitrosodiphenylamine	15.528	169	382403	21.156	ng/ul	99
68) 4-Bromophenyl-phenylether	16.216	248	179102	22.003	ng/ul	96
69) Hexachlorobenzene	16.340	284	228605	22.817	ng/ul	97
70) Atrazine	16.504	200	155342	20.675	ng/ul	98
71) Pentachlorophenol	16.710	266	138150	21.444	ng/ul	97
72) Phenanthrene	17.098	178	759566	21.033	ng/ul	99
74) Anthracene	17.181	178	761719	21.137	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.016	216	224077	21.803	ng/uL	98
76) Pentachlorobenzene	14.569	250	252371	22.213	ng/uL	98
77) Carbazole	17.469	167	674822	21.162	ng/ul	100
78) Di-n-butylphthalate	18.063	149	722741	20.484	ng/ul	99
80) Fluoranthene	19.186	202	996033	23.031	ng/ul	99
82) Pyrene	19.569	202	1063043	22.933	ng/ul	98
83) Butylbenzylphthalate	20.510	149	345571	21.413	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.392	252	339144	19.999	ng/ul	99
85) Benzo(a)anthracene	21.463	228	1054098	21.136	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.398	149	480464	20.741	ng/ul	98
87) Chrysene	21.528	228	972947	21.040	ng/ul	100
89) Di-n-octyl phthalate	22.633	149	803712	20.374	ng/ul	100
90) Benzo(b)fluoranthene	23.710	252	1125544	21.561	ng/ul#	98
91) Benzo(k)fluoranthene	23.774	252	1076814m	21.068	ng/ul	
93) Benzo(a)pyrene	24.592	252	1001668	20.848	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.439	276	1334338	20.812	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.492	278	1071147	20.631	ng/ul#	97
96) Benzo(g,h,i)perylene	29.604	276	1029120m	20.636	ng/ul	

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

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