Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102323\
Data File : BP017746.D
Acq On : 23 Oct 2023 09:42
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 24 04:59:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020789

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	114715	20.000	ng/ul	0.00
20) Naphthalene-d8	10.728	136	460032	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	293990	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	626688	20.000	ng/ul	# 0.01
79) Chrysene-d12	21.527	240	572185	20.000	ng/ul	# 0.01
88) Perylene-d12	24.092	264	584962	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	27800	9.015	ng/uL	0.00
4) Pyridine-d5	3.693	84	182020	22.545	ng/ul	0.00
7) Phenol-d5	7.051	99	198211	20.764	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	134049	22.738	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	163230	20.965	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	158456	21.138	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	77002	20.657	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	82777	20.098	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.345	165	160516	19.867	ng/ul	0.00
31) 4-Chloroaniline-d4	10.904	131	209556	19.819	ng/ul	0.01
46) Dimethylphthalate-d6	14.010	166	481458	19.508	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	548959	19.946	ng/ul	0.01
54) 4-Nitrophenol-d4	14.839	143	61404	17.462	ng/ul	0.01
60) Fluorene-d10	15.598	176	429620	20.138	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	75871	18.380	ng/ul	0.01
73) Anthracene-d10	17.486	188	666170	20.801	ng/ul	0.01
81) Pyrene-d10	19.745	212	761586	21.230	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.921	264	662034	20.320	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	30313	9.268	ng/uL	94
5) Pyridine	3.710	79	185750	22.456	ng/ul	99
6) Benzaldehyde	7.057	77	125277	24.395	ng/ul	98
8) Phenol	7.081	94	198572	21.097	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.334	93	171968	21.900	ng/ul	99
12) 2-Chlorophenol	7.446	128	167574	21.429	ng/ul	98
13) 2-Methylphenol	8.345	108	146243	20.588	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.410	45	221164m	22.882	ng/ul	
16) Acetophenone	8.751	105	252676	21.440	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.716	70	128128	22.920	ng/ul	95
18) 4-Methylphenol	8.681	108	161007	21.344	ng/ul	96
19) Hexachloroethane	8.957	117	77854	21.668	ng/ul#	80
22) Nitrobenzene	9.145	77	209484	22.570	ng/ul	98
23) Isophorone	9.657	82	354016	21.329	ng/ul	98
25) 2-Nitrophenol	9.851	139	90207	20.519	ng/ul#	86
26) 2,4-Dimethylphenol	9.892	107	187206	21.696	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.151	93	223566	21.778	ng/ul	98
29) 2,4-Dichlorophenol	10.375	162	157416	20.375	ng/ul	97
30) Naphthalene	10.781	128	549597	20.760	ng/ul	99
32) 4-Chloroaniline	10.928	127	201761	19.927	ng/ul	98
33) Hexachlorobutadiene	11.004	225	110278	17.580	ng/ul	96
34) Caprolactam	11.769	113	37169	18.684	ng/ul	97
35) 4-Chloro-3-methylphenol	12.039	107	161842	22.251	ng/ul	91
36) 2-Methylnaphthalene	12.398	142	361801	20.232	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	379002	20.723	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.751	216	196148	18.031	ng/ul#	98
40) Hexachlorocyclopentadiene	12.692	237	94835	15.174	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.016	196	122627	18.783	ng/ul	100
42) 2,4,5-Trichlorophenol	13.086	196	126708	18.772	ng/ul	100
43) 1,1'-Biphenyl	13.416	154	495801	20.470	ng/ul	98
44) 2-Chloronaphthalene	13.469	162	393621	20.104	ng/ul	100
45) 2-Nitroaniline	13.716	65	102507	23.039	ng/ul	93
47) Dimethylphthalate	14.057	163	479267	19.704	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	90090	20.123	ng/ul	90
50) Acenaphthylene	14.322	152	638333	20.705	ng/ul	99
51) 3-Nitroaniline	14.557	138	81159	19.060	ng/ul	99
52) Acenaphthene	14.657	153	426507	20.465	ng/ul	99
53) 2,4-Dinitrophenol	14.769	184	34967	13.914	ng/ul#	75
55) 4-Nitrophenol	14.851	109	73347m	19.704	ng/ul	
56) Dibenzofuran	14.998	168	593433	20.281	ng/ul	93
57) 2,4-Dinitrotoluene	15.004	165	135288	20.475	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.222	232	107639	17.970	ng/ul#	84
59) Diethylphthalate	15.422	149	487609	20.763	ng/ul	97
61) Fluorene	15.657	166	496250	20.646	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.645	204	243814	19.085	ng/ul	93
63) 4-Nitroaniline	15.733	138	78832	20.526	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.757	198	84041	19.008	ng/ul#	85
67) N-Nitrosodiphenylamine	15.880	169	401547	21.150	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	132297	18.042	ng/ul#	86
69) Hexachlorobenzene	16.639	284	141553	16.815	ng/ul#	87
70) Atrazine	16.845	200	133078	19.071	ng/ul	98
71) Pentachlorophenol	17.016	266	80822	15.970	ng/ul	99
72) Phenanthrene	17.427	178	772181	21.034	ng/ul	99
74) Anthracene	17.521	178	788226	21.199	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.369	216	193455	18.398	ng/uL	98
76) Pentachlorobenzene	14.892	250	183230	17.980	ng/uL	97
77) Carbazole	17.816	167	657440	20.921	ng/ul	99
78) Di-n-butylphthalate	18.327	149	808953	22.173	ng/ul	99
80) Fluoranthene	19.415	202	883273	21.430	ng/ul	96
82) Pyrene	19.774	202	950246	21.761	ng/ul	95
83) Butylbenzylphthalate	20.645	149	340792	22.691	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.457	252	236676	18.308	ng/ul#	98
85) Benzo(a)anthracene	21.515	228	904269	20.789	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	468547	22.349	ng/ul#	97
87) Chrysene	21.568	228	853011	20.737	ng/ul	99
89) Di-n-octyl phthalate	22.374	149	824612	22.255	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	817416	20.532	ng/ul	98
91) Benzo(k)fluoranthene	23.345	252	839384	20.804	ng/ul	99
93) Benzo(a)pyrene	23.974	252	790316	21.146	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.809	276	883163	19.827	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.839	278	735142	19.780	ng/ul#	96
96) Benzo(g,h,i)perylene	27.662	276	713177	19.872	ng/ul#	94

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

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