Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017538.D
Acq On : 04 Oct 2023 18:15
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020768

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/07/2023

Quant Time: Oct 05 00:47:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 04 16:33:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	80268	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	317463	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.634	164	202604	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.422	188	454657	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	474352	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	530676	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	17641	8.787	ng/uL	0.00
4) Pyridine-d5	3.728	84	121778	23.173	ng/ul	0.00
7) Phenol-d5	7.099	99	145255	21.508	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	91763	22.267	ng/ul	0.00
11) 2-Chlorophenol-d4	7.464	132	117996	22.190	ng/ul	0.00
15) 4-Methylphenol-d8	8.664	113	115883	21.434	ng/ul	0.00
21) Nitrobenzene-d5	9.152	128	56130	22.982	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	62203	22.581	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	116599	22.832	ng/ul	0.00
31) 4-Chloroaniline-d4	10.952	131	161869	22.250	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	362119	22.914	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	403026	23.127	ng/ul	0.00
54) 4-Nitrophenol-d4	14.875	143	57508	20.780	ng/ul	0.00
60) Fluorene-d10	15.640	176	307347	22.928	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	57178	20.172	ng/ul	0.00
73) Anthracene-d10	17.522	188	495105	23.525	ng/ul	0.00
81) Pyrene-d10	19.775	212	594121	22.540	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	610626	22.800	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	18329	8.881	ng/uL	93
5) Pyridine	3.746	79	126435	22.911	ng/ul	95
6) Benzaldehyde	7.105	77	84144	24.715	ng/ul	97
8) Phenol	7.128	94	146616	21.675	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.381	93	122804	22.422	ng/ul	99
12) 2-Chlorophenol	7.493	128	118177	21.958	ng/ul	97
13) 2-Methylphenol	8.393	108	107232	21.153	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.458	45	160342m	22.234	ng/ul	
16) Acetophenone	8.799	105	184266	21.611	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.763	70	96575	22.075	ng/ul	99
18) 4-Methylphenol	8.728	108	121204	22.095	ng/ul	100
19) Hexachloroethane	9.011	117	53071	22.215	ng/ul	95
22) Nitrobenzene	9.193	77	146860	23.378	ng/ul	99
23) Isophorone	9.710	82	261993	22.731	ng/ul	98
25) 2-Nitrophenol	9.899	139	66126	22.623	ng/ul	99
26) 2,4-Dimethylphenol	9.940	107	134051	23.131	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.199	93	160637	22.795	ng/ul	99
29) 2,4-Dichlorophenol	10.422	162	113904	22.971	ng/ul	96
30) Naphthalene	10.834	128	387206	22.860	ng/ul	98
32) 4-Chloroaniline	10.975	127	155915	22.453	ng/ul	100
33) Hexachlorobutadiene	11.057	225	85335	23.697	ng/ul	96
34) Caprolactam	11.810	113	33230m	21.595	ng/ul	
35) 4-Chloro-3-methylphenol	12.087	107	119650	22.863	ng/ul	94
36) 2-Methylnaphthalene	12.446	142	265254	22.918	ng/ul	97

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37) 1-Methylnaphthalene	12.663	142	273480	23.030	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.799	216	152913	23.036	ng/ul	98
40) Hexachlorocyclopentadiene	12.740	237	72445	19.350	ng/ul	98
41) 2,4,6-Trichlorophenol	13.057	196	96113	22.720	ng/ul	99
42) 2,4,5-Trichlorophenol	13.134	196	99920	22.432	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	354801	22.876	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	282134	22.880	ng/ul	99
45) 2-Nitroaniline	13.751	65	77555	22.634	ng/ul	99
47) Dimethylphthalate	14.099	163	361420	22.753	ng/ul	100
48) 2,6-Dinitrotoluene	14.246	165	66291	22.396	ng/ul	97
50) Acenaphthylene	14.363	152	462772	22.963	ng/ul	99
51) 3-Nitroaniline	14.593	138	64745	22.946	ng/ul	94
52) Acenaphthene	14.698	153	307149	23.090	ng/ul	98
53) 2,4-Dinitrophenol	14.798	184	30016	17.131	ng/ul	93
55) 4-Nitrophenol	14.887	109	54706	22.013	ng/ul	97
56) Dibenzofuran	15.040	168	430410	22.990	ng/ul	99
57) 2,4-Dinitrotoluene	15.040	165	101687	23.017	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.257	232	88972	22.568	ng/ul	96
59) Diethylphthalate	15.457	149	365353	22.931	ng/ul	100
61) Fluorene	15.693	166	356730	23.071	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.687	204	185177	23.378	ng/ul	99
63) 4-Nitroaniline	15.763	138	62208	23.456	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.793	198	62135	20.490	ng/ul	100
67) N-Nitrosodiphenylamine	15.916	169	296975	23.327	ng/ul	98
68) 4-Bromophenyl-phenylether	16.592	248	111545	23.142	ng/ul	99
69) Hexachlorobenzene	16.675	284	132414	23.327	ng/ul	99
70) Atrazine	16.875	200	111537	22.645	ng/ul	98
71) Pentachlorophenol	17.045	266	73526	21.397	ng/ul	94
72) Phenanthrene	17.463	178	571983	23.375	ng/ul	100
74) Anthracene	17.557	178	582254	23.346	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.416	216	155427	23.126	ng/uL	99
76) Pentachlorobenzene	14.928	250	155532	23.313	ng/uL	99
77) Carbazole	17.851	167	510743	22.805	ng/ul	99
78) Di-n-butylphthalate	18.357	149	616809	22.851	ng/ul	99
80) Fluoranthene	19.445	202	695251	22.642	ng/ul	99
82) Pyrene	19.804	202	731614	22.582	ng/ul	99
83) Butylbenzylphthalate	20.675	149	283094	22.250	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.480	252	245279	22.757	ng/ul	100
85) Benzo(a)anthracene	21.539	228	770348	23.181	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	408555	22.277	ng/ul	100
87) Chrysene	21.598	228	722687	23.265	ng/ul	99
89) Di-n-octyl phthalate	22.404	149	711529	21.195	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	760858	22.839	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	759454	22.865	ng/ul	99
93) Benzo(a)pyrene	24.016	252	721346	23.162	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.874	276	871666	22.895	ng/ul	98
95) Dibenzo(a,h)anthracene	26.904	278	729141	22.728	ng/ul	99
96) Benzo(g,h,i)perylene	27.733	276	694210	22.730	ng/ul	100

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

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