Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023261.D
Acq On : 20 Nov 2024 22:27
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020733

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 21 02:11:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 04:34:35 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	88271	20.000	ng/ul	0.00
20) Naphthalene-d8	10.310	136	320057	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.187	164	252598	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.998	188	633552	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	733861	20.000	ng/ul	0.02
88) Perylene-d12	24.663	264	840290	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	17615	9.592	ng/uL	0.00
4) Pyridine-d5	3.552	84	113970	20.889	ng/ul	0.00
7) Phenol-d5	6.769	99	127830	19.587	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.917	67	78673	20.519	ng/ul	0.00
11) 2-Chlorophenol-d4	7.117	132	99520	20.822	ng/ul	0.00
15) 4-Methylphenol-d8	8.281	113	104261	19.414	ng/ul	0.00
21) Nitrobenzene-d5	8.711	128	48791	21.898	ng/ul	0.00
24) 2-Nitrophenol-d4	9.422	143	56278	21.186	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	120309	21.627	ng/ul	0.00
31) 4-Chloroaniline-d4	10.463	131	136387	20.551	ng/ul	0.00
46) Dimethylphthalate-d6	13.587	166	387992	21.312	ng/ul	0.00
49) Acenaphthylene-d8	13.875	160	411563	21.666	ng/ul	0.00
54) 4-Nitrophenol-d4	14.446	143	46220	16.894	ng/ul	-0.01
60) Fluorene-d10	15.198	176	342602	21.464	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	72765	19.172	ng/ul	0.00
73) Anthracene-d10	17.098	188	583691	21.759	ng/ul	0.00
81) Pyrene-d10	19.481	212	749122	22.162	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.433	264	908960	22.709	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.170	88	18807	8.863	ng/uL	98
5) Pyridine	3.570	79	114253	20.851	ng/ul	97
6) Benzaldehyde	6.740	77	86234	22.962	ng/ul	99
8) Phenol	6.799	94	134978	19.806	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.011	93	104927	20.489	ng/ul	95
12) 2-Chlorophenol	7.146	128	101225	20.399	ng/ul	95
13) 2-Methylphenol	8.022	108	99158	19.492	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.075	45	123277	21.265	ng/ul	94
16) Acetophenone	8.381	105	179107	19.847	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.358	70	89669	19.900	ng/ul	98
18) 4-Methylphenol	8.346	108	108521	19.314	ng/ul	99
19) Hexachloroethane	8.611	117	49521	20.635	ng/ul	98
22) Nitrobenzene	8.752	77	140103	21.914	ng/ul	98
23) Isophorone	9.269	82	244536	21.390	ng/ul	99
25) 2-Nitrophenol	9.452	139	61825	22.051	ng/ul	95
26) 2,4-Dimethylphenol	9.522	107	130007	21.473	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.740	93	137533	21.865	ng/ul	100
29) 2,4-Dichlorophenol	9.987	162	115228	20.912	ng/ul	94
30) Naphthalene	10.358	128	335267	21.562	ng/ul	99
32) 4-Chloroaniline	10.487	127	129130	20.083	ng/ul	99
33) Hexachlorobutadiene	10.634	225	107325	21.526	ng/ul	99
34) Caprolactam	11.287	113	33167m	20.237	ng/ul	
35) 4-Chloro-3-methylphenol	11.634	107	125877	21.235	ng/ul	94
36) 2-Methylnaphthalene	11.975	142	247861	21.115	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.187	142	247712	20.642	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.346	216	188912	22.153	ng/ul	96
40) Hexachlorocyclopentadiene	12.310	237	83229	18.581	ng/ul	95
41) 2,4,6-Trichlorophenol	12.599	196	111693	21.509	ng/ul	98
42) 2,4,5-Trichlorophenol	12.693	196	117347	20.962	ng/ul	98
43) 1,1'-Biphenyl	12.993	154	355029	21.935	ng/ul	99
44) 2-Chloronaphthalene	13.040	162	286447	21.650	ng/ul	99
45) 2-Nitroaniline	13.263	65	82308	22.155	ng/ul	96
47) Dimethylphthalate	13.634	163	375965	20.940	ng/ul	99
48) 2,6-Dinitrotoluene	13.775	165	76103	21.791	ng/ul	95
50) Acenaphthylene	13.904	152	422912	22.025	ng/ul	100
51) 3-Nitroaniline	14.122	138	64034	21.287	ng/ul	98
52) Acenaphthene	14.251	153	305383	21.906	ng/ul	98
53) 2,4-Dinitrophenol	14.351	184	40810	16.468	ng/ul	93
55) 4-Nitrophenol	14.463	109	60915m	19.030	ng/ul	
56) Dibenzofuran	14.598	168	459449	21.331	ng/ul	99
57) 2,4-Dinitrotoluene	14.587	165	121876	21.896	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.840	232	119618	21.860	ng/ul	99
59) Diethylphthalate	15.022	149	387594	21.828	ng/ul	99
61) Fluorene	15.263	166	376209	21.340	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.245	204	218657	21.065	ng/ul	98
63) 4-Nitroaniline	15.310	138	60203	21.508	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.369	198	79101	19.511	ng/ul	100
67) N-Nitrosodiphenylamine	15.463	169	322181	22.007	ng/ul	99
68) 4-Bromophenyl-phenylether	16.151	248	156557	21.822	ng/ul	99
69) Hexachlorobenzene	16.281	284	193996	21.480	ng/ul	97
70) Atrazine	16.451	200	148740	21.019	ng/ul	97
71) Pentachlorophenol	16.657	266	122275	21.807	ng/ul	98
72) Phenanthrene	17.040	178	665852	22.260	ng/ul	99
74) Anthracene	17.134	178	646126	21.484	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.951	216	188743	22.564	ng/uL	99
76) Pentachlorobenzene	14.510	250	207764	21.753	ng/uL	97
77) Carbazole	17.434	167	572478	21.818	ng/ul	99
78) Di-n-butylphthalate	18.004	149	639114	21.950	ng/ul	99
80) Fluoranthene	19.134	202	856452	21.993	ng/ul	98
82) Pyrene	19.510	202	965932	23.089	ng/ul	100
83) Butylbenzylphthalate	20.475	149	309558	22.475	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.351	252	337944	20.515	ng/ul	99
85) Benzo(a)anthracene	21.422	228	992292	22.144	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	441400	22.551	ng/ul	98
87) Chrysene	21.486	228	945245	22.418	ng/ul	98
89) Di-n-octyl phthalate	22.569	149	741412	21.748	ng/ul	100
90) Benzo(b)fluoranthene	23.645	252	1070420	22.887	ng/ul	99
91) Benzo(k)fluoranthene	23.710	252	1065392	23.140	ng/ul#	98
93) Benzo(a)pyrene	24.510	252	950316	22.477	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.304	276	1280621	21.740	ng/ul	98
95) Dibenzo(a,h)anthracene	28.368	278	1048956m	21.932	ng/ul	
96) Benzo(g,h,i)perylene	29.427	276	968753	21.652	ng/ul	98

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

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