Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023219.D
Acq On : 19 Nov 2024 15:58
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020730

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 19 16:27:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	71046	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.316	136	264596	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.181	164	208257	20.000	ng/ul	-0.02
64) Phenanthrene-d10	16.998	188	528465	20.000	ng/ul	-0.02
79) Chrysene-d12	21.427	240	621237	20.000	ng/ul	-0.02
88) Perylene-d12	24.651	264	743395	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	13538	9.159	ng/uL	0.00
4) Pyridine-d5	3.546	84	91922	20.933	ng/ul	0.00
7) Phenol-d5	6.781	99	105375	20.061	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.922	67	66902	21.679	ng/ul	0.00
11) 2-Chlorophenol-d4	7.122	132	79015	20.540	ng/ul	0.00
15) 4-Methylphenol-d8	8.281	113	84940	19.651	ng/ul	-0.01
21) Nitrobenzene-d5	8.716	128	40260	21.856	ng/ul	0.00
24) 2-Nitrophenol-d4	9.428	143	48051	21.881	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	97884	21.284	ng/ul	0.00
31) 4-Chloroaniline-d4	10.475	131	109048	19.876	ng/ul	0.00
46) Dimethylphthalate-d6	13.592	166	325722	21.701	ng/ul	-0.02
49) Acenaphthylene-d8	13.869	160	349528	22.318	ng/ul	-0.03
54) 4-Nitrophenol-d4	14.457	143	37207	16.495	ng/ul	0.00
60) Fluorene-d10	15.198	176	291450	22.147	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.351	200	60371	19.070	ng/ul	-0.01
73) Anthracene-d10	17.092	188	495824	22.159	ng/ul	-0.02
81) Pyrene-d10	19.486	212	635810	22.220	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.415	264	808716	22.838	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.169	88	15689	9.186	ng/uL	93
5) Pyridine	3.569	79	93531	21.208	ng/ul	98
6) Benzaldehyde	6.746	77	72484	23.980	ng/ul	98
8) Phenol	6.805	94	112918	20.586	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.010	93	84885	20.594	ng/ul	97
12) 2-Chlorophenol	7.152	128	83948	21.019	ng/ul	97
13) 2-Methylphenol	8.022	108	81202	19.833	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.081	45	100869	21.618	ng/ul	95
16) Acetophenone	8.387	105	145156	19.985	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.363	70	76127	20.990	ng/ul	98
18) 4-Methylphenol	8.346	108	86955	19.228	ng/ul	97
19) Hexachloroethane	8.616	117	41983	21.735	ng/ul	99
22) Nitrobenzene	8.757	77	117172	22.168	ng/ul	98
23) Isophorone	9.269	82	202953	21.474	ng/ul	98
25) 2-Nitrophenol	9.463	139	49711	21.446	ng/ul	97
26) 2,4-Dimethylphenol	9.522	107	110965	22.170	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.746	93	115455	22.202	ng/ul	95
29) 2,4-Dichlorophenol	9.993	162	98879	21.706	ng/ul	96
30) Naphthalene	10.363	128	272767	21.219	ng/ul	98
32) 4-Chloroaniline	10.498	127	105462	19.840	ng/ul	99
33) Hexachlorobutadiene	10.640	225	88515	21.475	ng/ul	98
34) Caprolactam	11.298	113	27008m	19.933	ng/ul	
35) 4-Chloro-3-methylphenol	11.640	107	103719	21.165	ng/ul	94
36) 2-Methylnaphthalene	11.981	142	204048	21.026	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.198	142	209914	21.159	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.357	216	155001	22.046	ng/ul	97
40) Hexachlorocyclopentadiene	12.328	237	69030	18.693	ng/ul	98
41) 2,4,6-Trichlorophenol	12.616	196	93488	21.837	ng/ul	97
42) 2,4,5-Trichlorophenol	12.704	196	98196	21.276	ng/ul	97
43) 1,1'-Biphenyl	13.004	154	292165	21.894	ng/ul	98
44) 2-Chloronaphthalene	13.051	162	241477	22.137	ng/ul	98
45) 2-Nitroaniline	13.275	65	67313	21.976	ng/ul	90
47) Dimethylphthalate	13.651	163	321338	21.708	ng/ul	98
48) 2,6-Dinitrotoluene	13.781	165	62193	21.599	ng/ul	93
50) Acenaphthylene	13.892	152	349217	22.059	ng/ul	100
51) 3-Nitroaniline	14.128	138	52472	21.158	ng/ul	98
52) Acenaphthene	14.245	153	256036	22.277	ng/ul	100
53) 2,4-Dinitrophenol	14.363	184	33181	16.241	ng/ul	98
55) 4-Nitrophenol	14.475	109	65955	24.992	ng/ul	98
56) Dibenzofuran	14.592	168	390395	21.984	ng/ul	98
57) 2,4-Dinitrotoluene	14.586	165	104729	22.821	ng/ul#	76
58) 2,3,4,6-Tetrachlorophenol	14.839	232	101702	22.543	ng/ul	99
59) Diethylphthalate	15.034	149	325770	22.252	ng/ul	99
61) Fluorene	15.251	166	318650	21.924	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.245	204	187351	21.892	ng/ul	97
63) 4-Nitroaniline	15.304	138	53235	23.068	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.369	198	63258	18.706	ng/ul	96
67) N-Nitrosodiphenylamine	15.475	169	273839	22.425	ng/ul	98
68) 4-Bromophenyl-phenylether	16.169	248	129139	21.580	ng/ul	96
69) Hexachlorobenzene	16.281	284	166400	22.088	ng/ul	99
70) Atrazine	16.457	200	125611	21.280	ng/ul	99
71) Pentachlorophenol	16.657	266	97405	20.826	ng/ul	98
72) Phenanthrene	17.039	178	547829	21.956	ng/ul	99
74) Anthracene	17.128	178	557119	22.208	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.975	216	157029	22.506	ng/uL	100
76) Pentachlorobenzene	14.516	250	174566	21.911	ng/uL	96
77) Carbazole	17.422	167	480307	21.945	ng/ul	98
78) Di-n-butylphthalate	18.004	149	568106	23.391	ng/ul	99
80) Fluoranthene	19.139	202	745130	22.603	ng/ul	98
82) Pyrene	19.522	202	847722	23.937	ng/ul	97
83) Butylbenzylphthalate	20.463	149	273671	23.472	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.339	252	282515	20.259	ng/ul	97
85) Benzo(a)anthracene	21.410	228	866999	22.856	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	388680	23.458	ng/ul	99
87) Chrysene	21.474	228	814601	22.822	ng/ul	99
89) Di-n-octyl phthalate	22.551	149	674240	22.356	ng/ul	100
90) Benzo(b)fluoranthene	23.621	252	935293	22.604	ng/ul	98
91) Benzo(k)fluoranthene	23.692	252	919570	22.576	ng/ul#	98
93) Benzo(a)pyrene	24.498	252	849904	22.722	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.286	276	1120998m	21.511	ng/ul	
95) Dibenzo(a,h)anthracene	28.356	278	907602	21.450	ng/ul	99
96) Benzo(g,h,i)perylene	29.409	276	849828m	21.470	ng/ul	

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

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