Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111323\
Data File : BP018131.D
Acq On : 13 Nov 2023 15:00
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020672

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/16/2023

Quant Time: Nov 13 17:41:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 15:50:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	73817	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	313245	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	214105	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	477958	20.000	ng/ul	0.00
79) Chrysene-d12	21.392	240	448868	20.000	ng/ul	0.00
88) Perylene-d12	23.868	264	488466	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	16345	7.811	ng/uL	0.00
4) Pyridine-d5	3.605	84	93191	17.080	ng/ul	0.00
7) Phenol-d5	6.958	99	136645	19.174	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	85768	20.479	ng/ul	0.00
11) 2-Chlorophenol-d4	7.311	132	108221	19.176	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	115431	19.767	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	55097	19.523	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	63577	19.885	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	113657	19.945	ng/ul	0.00
31) 4-Chloroaniline-d4	10.787	131	151126	19.339	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	381648	19.319	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	408246	18.973	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	38946	13.193	ng/ul	0.00
60) Fluorene-d10	15.475	176	309630	18.984	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	43684	12.643	ng/ul	0.00
73) Anthracene-d10	17.357	188	497137	19.232	ng/ul	0.00
81) Pyrene-d10	19.616	212	566479	18.894	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.704	264	556918	19.608	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.199	88	17567	7.693	ng/uL#	85
5) Pyridine	3.622	79	98280	17.453	ng/ul	96
6) Benzaldehyde	6.958	77	92141	24.007	ng/ul	99
8) Phenol	6.981	94	136715	19.447	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.234	93	111279	20.403	ng/ul	98
12) 2-Chlorophenol	7.340	128	108188	19.093	ng/ul	97
13) 2-Methylphenol	8.246	108	101661	19.139	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.299	45	130529m	20.960	ng/ul	
16) Acetophenone	8.646	105	188667	20.325	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.610	70	100953	19.920	ng/ul	98
18) 4-Methylphenol	8.581	108	112137	19.357	ng/ul	99
19) Hexachloroethane	8.840	117	52418	19.335	ng/ul	91
22) Nitrobenzene	9.040	77	152136	19.965	ng/ul	93
23) Isophorone	9.546	82	273732	19.686	ng/ul	99
25) 2-Nitrophenol	9.740	139	65584	19.962	ng/ul	96
26) 2,4-Dimethylphenol	9.787	107	132746	18.994	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.040	93	156778	20.676	ng/ul	100
29) 2,4-Dichlorophenol	10.263	162	107471	19.750	ng/ul	96
30) Naphthalene	10.657	128	366771	19.253	ng/ul	99
32) 4-Chloroaniline	10.816	127	144960	19.366	ng/ul	99
33) Hexachlorobutadiene	10.875	225	76377	19.119	ng/ul	98
34) Caprolactam	11.669	113	36889m	20.407	ng/ul	
35) 4-Chloro-3-methylphenol	11.928	107	130518	19.937	ng/ul	92
36) 2-Methylnaphthalene	12.275	142	260174	19.894	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.498	142	265255	19.737	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.634	216	136438	18.864	ng/ul	98
40) Hexachlorocyclopentadiene	12.569	237	8731	2.501	ng/ul	97
41) 2,4,6-Trichlorophenol	12.910	196	85756	18.074	ng/ul	98
42) 2,4,5-Trichlorophenol	12.987	196	90453	18.114	ng/ul	95
43) 1,1'-Biphenyl	13.298	154	347525	19.088	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	276936	19.159	ng/ul	98
45) 2-Nitroaniline	13.604	65	94736	20.310	ng/ul	96
47) Dimethylphthalate	13.945	163	383843	19.808	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	75018	19.476	ng/ul	98
50) Acenaphthylene	14.198	152	457880	18.848	ng/ul	100
51) 3-Nitroaniline	14.445	138	64911	18.161	ng/ul	98
52) Acenaphthene	14.540	153	309644	19.222	ng/ul	96
53) 2,4-Dinitrophenol	14.734	184	13986m	6.656	ng/ul	
55) 4-Nitrophenol	14.757	109	66439	16.955	ng/ul	88
56) Dibenzofuran	14.881	168	426109	19.303	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	111392	19.356	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.145	232	68396	15.397	ng/ul#	98
59) Diethylphthalate	15.304	149	473962	23.410	ng/ul	100
61) Fluorene	15.534	166	356194	19.006	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.528	204	174818	19.035	ng/ul	97
63) 4-Nitroaniline	15.622	138	58864	17.453	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.681	198	48053m	13.402	ng/ul	
67) N-Nitrosodiphenylamine	15.757	169	299526	19.541	ng/ul	98
68) 4-Bromophenyl-phenylether	16.434	248	103437	19.201	ng/ul	91
69) Hexachlorobenzene	16.510	284	110479	18.379	ng/ul	96
70) Atrazine	16.751	200	104868	19.613	ng/ul	98
71) Pentachlorophenol	16.998	266	20932m	5.737	ng/ul	
72) Phenanthrene	17.298	178	574115	19.563	ng/ul	99
74) Anthracene	17.392	178	585096	19.537	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.251	216	139057	19.052	ng/uL	97
76) Pentachlorobenzene	14.769	250	133804	18.726	ng/uL	98
77) Carbazole	17.692	167	531083	20.421	ng/ul	100
78) Di-n-butylphthalate	18.204	149	984127	29.824	ng/ul	99
80) Fluoranthene	19.286	202	674237	19.255	ng/ul	99
82) Pyrene	19.645	202	684299	18.650	ng/ul	98
83) Butylbenzylphthalate	20.516	149	381776	24.741	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.327	252	125369	11.690	ng/ul	95
85) Benzo(a)anthracene	21.374	228	713590	19.688	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.257	149	1903355	89.465	ng/ul	99
87) Chrysene	21.427	228	649376	19.151	ng/ul	99
89) Di-n-octyl phthalate	22.210	149	899870	24.634	ng/ul	100
90) Benzo(b)fluoranthene	23.098	252	688859	19.816	ng/ul	98
91) Benzo(k)fluoranthene	23.151	252	664877	19.010	ng/ul	99
93) Benzo(a)pyrene	23.757	252	637571	19.421	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.492	276	751180	19.078	ng/ul	99
95) Dibenzo(a,h)anthracene	26.521	278	625822	19.303	ng/ul	98
96) Benzo(g,h,i)perylene	27.315	276	594440	18.875	ng/ul	94

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

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