Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018129.D
Acq On : 13 Nov 2023 06:10
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 111 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020671

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/15/2023

Quant Time: Nov 13 06:39:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 21:55:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	82460	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.658	136	344207	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.516	164	228610	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.298	188	530012	20.000	ng/ul	-0.01
79) Chrysene-d12	21.422	240	535048	20.000	ng/ul	-0.01
88) Perylene-d12	23.922	264	566600	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	17032	7.286	ng/uL	-0.01
4) Pyridine-d5	3.658	84	115696	18.983	ng/ul	0.00
7) Phenol-d5	7.011	99	146093	18.351	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	96316	20.587	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.364	132	121093	19.208	ng/ul	-0.01
15) 4-Methylphenol-d8	8.564	113	120588	18.485	ng/ul	-0.01
21) Nitrobenzene-d5	9.046	128	59928	19.325	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.758	143	68640	19.537	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.287	165	125266	20.005	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.840	131	166968	19.444	ng/ul	-0.01
46) Dimethylphthalate-d6	13.940	166	410153	19.445	ng/ul	-0.01
49) Acenaphthylene-d8	14.216	160	439645	19.136	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.775	143	44838	14.225	ng/ul	0.00
60) Fluorene-d10	15.516	176	338559	19.441	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.675	200	68806	17.958	ng/ul	-0.01
73) Anthracene-d10	17.398	188	553432	19.307	ng/ul	-0.01
81) Pyrene-d10	19.651	212	674623	18.876	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.757	264	639645	19.415	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	18910	7.413	ng/uL	98
5) Pyridine	3.681	79	119829	19.050	ng/ul	97
6) Benzaldehyde	7.011	77	99175	23.132	ng/ul	98
8) Phenol	7.034	94	146888	18.704	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.281	93	122265	20.068	ng/ul	98
12) 2-Chlorophenol	7.393	128	120995	19.116	ng/ul	99
13) 2-Methylphenol	8.293	108	111777	18.837	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.352	45	144247m	20.735	ng/ul	
16) Acetophenone	8.699	105	198342	19.128	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.664	70	106151	18.750	ng/ul	95
18) 4-Methylphenol	8.634	108	120207	18.576	ng/ul	97
19) Hexachloroethane	8.887	117	58161	19.205	ng/ul	93
22) Nitrobenzene	9.093	77	168485	20.121	ng/ul	95
23) Isophorone	9.599	82	294436	19.270	ng/ul	99
25) 2-Nitrophenol	9.793	139	71013	19.670	ng/ul	98
26) 2,4-Dimethylphenol	9.834	107	148171	19.294	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.087	93	165995	19.922	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	119372	19.964	ng/ul	95
30) Naphthalene	10.710	128	404751	19.336	ng/ul	99
32) 4-Chloroaniline	10.863	127	160269	19.485	ng/ul	100
33) Hexachlorobutadiene	10.928	225	87102	19.843	ng/ul	95
34) Caprolactam	11.699	113	35788	18.017	ng/ul	91
35) 4-Chloro-3-methylphenol	11.975	107	139658	19.414	ng/ul	95
36) 2-Methylnaphthalene	12.322	142	282218	19.638	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	283817	19.219	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.681	216	148970	19.289	ng/ul	97
40) Hexachlorocyclopentadiene	12.610	237	61094	16.389	ng/ul	99
41) 2,4,6-Trichlorophenol	12.946	196	102423	20.217	ng/ul	96
42) 2,4,5-Trichlorophenol	13.022	196	104212	19.545	ng/ul	97
43) 1,1'-Biphenyl	13.346	154	378120	19.451	ng/ul	100
44) 2-Chloronaphthalene	13.393	162	299426	19.401	ng/ul	97
45) 2-Nitroaniline	13.651	65	99308	19.940	ng/ul	95
47) Dimethylphthalate	13.987	163	404461	19.547	ng/ul	99
48) 2,6-Dinitrotoluene	14.140	165	80134	19.485	ng/ul	98
50) Acenaphthylene	14.246	152	499570	19.260	ng/ul	98
51) 3-Nitroaniline	14.487	138	75605	19.811	ng/ul	94
52) Acenaphthene	14.581	153	331270	19.260	ng/ul	99
53) 2,4-Dinitrophenol	14.710	184	31264	13.935	ng/ul	96
55) 4-Nitrophenol	14.793	109	75558	18.059	ng/ul	94
56) Dibenzofuran	14.922	168	461527	19.581	ng/ul	97
57) 2,4-Dinitrotoluene	14.934	165	121868	19.833	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.146	232	94895	20.007	ng/ul	97
59) Diethylphthalate	15.340	149	434921	20.119	ng/ul	99
61) Fluorene	15.575	166	389216	19.450	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.563	204	194399	19.824	ng/ul	97
63) 4-Nitroaniline	15.663	138	78411	21.773	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.693	198	71720	18.039	ng/ul	99
67) N-Nitrosodiphenylamine	15.798	169	327467	19.265	ng/ul	99
68) 4-Bromophenyl-phenylether	16.469	248	115558	19.345	ng/ul	90
69) Hexachlorobenzene	16.551	284	125260	18.792	ng/ul	99
70) Atrazine	16.757	200	122514	20.662	ng/ul	99
71) Pentachlorophenol	16.928	266	74526	18.419	ng/ul	98
72) Phenanthrene	17.340	178	635029	19.514	ng/ul	99
74) Anthracene	17.434	178	648044	19.514	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.293	216	151709	18.744	ng/uL	97
76) Pentachlorobenzene	14.810	250	149523	18.871	ng/uL	95
77) Carbazole	17.734	167	589257	20.433	ng/ul	99
78) Di-n-butylphthalate	18.234	149	792109	21.647	ng/ul	99
80) Fluoranthene	19.322	202	786176	18.836	ng/ul	99
82) Pyrene	19.681	202	825903	18.883	ng/ul	99
83) Butylbenzylphthalate	20.545	149	393598	21.399	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.351	252	258154	20.195	ng/ul	98
85) Benzo(a)anthracene	21.410	228	845011	19.559	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	582911	22.986	ng/ul	100
87) Chrysene	21.463	228	786592	19.461	ng/ul	99
89) Di-n-octyl phthalate	22.245	149	1015595	23.968	ng/ul	100
90) Benzo(b)fluoranthene	23.145	252	809930	20.086	ng/ul	99
91) Benzo(k)fluoranthene	23.198	252	788624	19.439	ng/ul	99
93) Benzo(a)pyrene	23.810	252	748430	19.654	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.580	276	849204	18.593	ng/ul	97
95) Dibenzo(a,h)anthracene	26.604	278	708895	18.851	ng/ul	99
96) Benzo(g,h,i)perylene	27.415	276	676304	18.514	ng/ul	97

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

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