Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081623\
Data File : BP016603.D
Acq On : 16 Aug 2023 14:42
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020687

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

Quant Time: Aug 17 01:07:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 14 18:26:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	259299	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1265713	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	821991	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1882592	20.000	ng/ul	0.00
79) Chrysene-d12	21.568	240	1837341	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	2001926	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	53468	7.835	ng/uL	0.00
4) Pyridine-d5	3.828	84	410706	19.782	ng/ul	0.00
7) Phenol-d5	7.193	99	489245	20.466	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	331605	21.061	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	365070	21.262	ng/ul	0.00
15) 4-Methylphenol-d8	8.757	113	411168	21.631	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	189866	21.319	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	191830	22.678	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	365778	21.974	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	602548	21.097	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	1258836	21.173	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1432045	21.340	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	255903	21.129	ng/ul	0.00
60) Fluorene-d10	15.698	176	1072448	21.159	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	178335	19.912	ng/ul	0.00
73) Anthracene-d10	17.569	188	1690793	20.763	ng/ul	0.00
81) Pyrene-d10	19.804	212	2032202	21.109	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	2016588	21.019	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	59159	7.885	ng/uL	98
5) Pyridine	3.852	79	432512	20.079	ng/ul	98
6) Benzaldehyde	7.205	77	331737	25.174	ng/ul	99
8) Phenol	7.222	94	527266	20.636	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.487	93	437805	21.212	ng/ul	99
12) 2-Chlorophenol	7.605	128	379982	21.033	ng/ul	100
13) 2-Methylphenol	8.487	108	387902	20.901	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.569	45	620752m	21.580	ng/ul	
16) Acetophenone	8.904	105	684718	22.307	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.869	70	376429	22.866	ng/ul	99
18) 4-Methylphenol	8.822	108	438757	21.510	ng/ul	97
19) Hexachloroethane	9.128	117	157581	20.878	ng/ul	94
22) Nitrobenzene	9.293	77	519462	20.836	ng/ul	100
23) Isophorone	9.810	82	1048612	22.268	ng/ul	100
25) 2-Nitrophenol	9.998	139	219700	22.720	ng/ul	99
26) 2,4-Dimethylphenol	10.034	107	485616	21.302	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.299	93	632481	20.953	ng/ul	99
29) 2,4-Dichlorophenol	10.522	162	374572	21.870	ng/ul	99
30) Naphthalene	10.940	128	1362299	20.600	ng/ul	100
32) 4-Chloroaniline	11.063	127	601057	21.247	ng/ul	100
33) Hexachlorobutadiene	11.169	225	211153	20.452	ng/ul	99
34) Caprolactam	11.875	113	150584	22.600	ng/ul	96
35) 4-Chloro-3-methylphenol	12.157	107	464731	22.199	ng/ul	99
36) 2-Methylnaphthalene	12.534	142	938593	21.188	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.757	142	953453	21.377	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.881	216	445581	20.267	ng/ul	98
40) Hexachlorocyclopentadiene	12.840	237	240939	18.011	ng/ul	98
41) 2,4,6-Trichlorophenol	13.134	196	302460	22.105	ng/ul	99
42) 2,4,5-Trichlorophenol	13.198	196	323747	21.828	ng/ul	99
43) 1,1'-Biphenyl	13.540	154	1236725	20.241	ng/ul	99
44) 2-Chloronaphthalene	13.587	162	966545	20.332	ng/ul	100
45) 2-Nitroaniline	13.816	65	321814	22.389	ng/ul	93
47) Dimethylphthalate	14.163	163	1286231	21.159	ng/ul	99
48) 2,6-Dinitrotoluene	14.304	165	240885	22.878	ng/ul	99
50) Acenaphthylene	14.434	152	1671866	21.155	ng/ul	99
51) 3-Nitroaniline	14.639	138	266167	22.546	ng/ul	97
52) Acenaphthene	14.769	153	1087158	20.550	ng/ul	99
53) 2,4-Dinitrophenol	14.834	184	110370	18.830	ng/ul	98
55) 4-Nitrophenol	14.916	109	210317	21.360	ng/ul	96
56) Dibenzofuran	15.104	168	1493373	20.690	ng/ul	99
57) 2,4-Dinitrotoluene	15.081	165	360772	22.881	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.316	232	281904	22.685	ng/ul	98
59) Diethylphthalate	15.516	149	1337444	21.519	ng/ul	100
61) Fluorene	15.757	166	1246537	21.062	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.745	204	579748	20.868	ng/ul	99
63) 4-Nitroaniline	15.804	138	267178	23.648	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.834	198	199228	20.062	ng/ul	97
67) N-Nitrosodiphenylamine	15.969	169	1048875	20.554	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	344619	20.502	ng/ul	98
69) Hexachlorobenzene	16.733	284	399196	20.325	ng/ul	99
70) Atrazine	16.922	200	387506	21.107	ng/ul	99
71) Pentachlorophenol	17.092	266	253513	20.965	ng/ul	96
72) Phenanthrene	17.516	178	2023629	20.403	ng/ul	99
74) Anthracene	17.610	178	2060761	20.685	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.492	216	478559	20.003	ng/uL	96
76) Pentachlorobenzene	14.998	250	433982	20.217	ng/uL	100
77) Carbazole	17.886	167	1946904	21.206	ng/ul	99
78) Di-n-butylphthalate	18.398	149	2384160	22.433	ng/ul	99
80) Fluoranthene	19.474	202	2402789	20.911	ng/ul	99
82) Pyrene	19.833	202	2552591	21.038	ng/ul	96
83) Butylbenzylphthalate	20.692	149	1118875	22.891	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.486	252	813965	20.344	ng/ul	99
85) Benzo(a)anthracene	21.551	228	2572588	20.834	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.427	149	1643898	23.174	ng/ul	100
87) Chrysene	21.610	228	2370663	20.516	ng/ul	99
89) Di-n-octyl phthalate	22.416	149	2815187	22.537	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	2495188	20.933	ng/ul	99
91) Benzo(k)fluoranthene	23.404	252	2473600	20.918	ng/ul	98
93) Benzo(a)pyrene	24.039	252	2335218	20.768	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.904	276	2642550	19.912	ng/ul	99
95) Dibenzo(a,h)anthracene	26.933	278	2214201	20.049	ng/ul	99
96) Benzo(g,h,i)perylene	27.756	276	2082653	19.718	ng/ul	97

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

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