Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017243.D
Acq On : 20 Sep 2023 17:26
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020741

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

Quant Time: Sep 20 22:56:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 14:34:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	175253	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	722618	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	433510	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	925878	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	904249	20.000	ng/ul	-0.01
88) Perylene-d12	23.998	264	1027148	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	34055	7.982	ng/uL	0.00
4) Pyridine-d5	3.740	84	244937	20.534	ng/ul	0.00
7) Phenol-d5	7.093	99	295715	20.545	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	181216	20.862	ng/ul	0.00
11) 2-Chlorophenol-d4	7.457	132	235419	20.622	ng/ul	0.00
15) 4-Methylphenol-d8	8.651	113	230095	20.562	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	110348	21.123	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	118814	20.946	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	229081	21.376	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	325455	20.964	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	650859	20.958	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	756710	21.186	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	108734	20.097	ng/ul	0.00
60) Fluorene-d10	15.598	176	559303	20.920	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	101440	19.439	ng/ul	0.00
73) Anthracene-d10	17.474	188	873969	21.283	ng/ul	0.00
81) Pyrene-d10	19.715	212	1024090	20.943	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	1033456	20.897	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	34505	7.897	ng/uL	90
5) Pyridine	3.757	79	254810	20.577	ng/ul	99
6) Benzaldehyde	7.098	77	177994	24.232	ng/ul	97
8) Phenol	7.122	94	299018	20.655	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	243491	20.807	ng/ul	96
12) 2-Chlorophenol	7.493	128	240084	20.709	ng/ul	98
13) 2-Methylphenol	8.381	108	217733	20.325	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.451	45	308690m	20.857	ng/ul	
16) Acetophenone	8.793	105	369537	21.370	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.757	70	183332	21.244	ng/ul	97
18) 4-Methylphenol	8.716	108	242833	21.157	ng/ul	100
19) Hexachloroethane	9.004	117	99219	20.616	ng/ul	97
22) Nitrobenzene	9.181	77	276992	20.896	ng/ul	97
23) Isophorone	9.692	82	500863	21.086	ng/ul	99
25) 2-Nitrophenol	9.887	139	131933	21.464	ng/ul	98
26) 2,4-Dimethylphenol	9.922	107	259838	21.216	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.181	93	320872	20.926	ng/ul	97
29) 2,4-Dichlorophenol	10.404	162	225310	21.324	ng/ul	99
30) Naphthalene	10.816	128	787838	20.939	ng/ul	99
32) 4-Chloroaniline	10.951	127	316269	21.259	ng/ul	100
33) Hexachlorobutadiene	11.039	225	153643	20.893	ng/ul	98
34) Caprolactam	11.769	113	61538	20.156	ng/ul	99
35) 4-Chloro-3-methylphenol	12.051	107	228230	21.489	ng/ul	99
36) 2-Methylnaphthalene	12.422	142	518370	21.108	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	533060	21.234	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.769	216	287295	20.650	ng/ul	99
40) Hexachlorocyclopentadiene	12.716	237	145929	18.535	ng/ul	99
41) 2,4,6-Trichlorophenol	13.028	196	175901	20.844	ng/ul	99
42) 2,4,5-Trichlorophenol	13.098	196	187907	21.253	ng/ul	100
43) 1,1'-Biphenyl	13.433	154	681741	20.727	ng/ul	99
44) 2-Chloronaphthalene	13.480	162	544328	20.875	ng/ul	99
45) 2-Nitroaniline	13.716	65	136283	21.275	ng/ul	99
47) Dimethylphthalate	14.063	163	650082	20.781	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	116415	21.425	ng/ul	93
50) Acenaphthylene	14.328	152	876386	20.983	ng/ul	100
51) 3-Nitroaniline	14.545	138	122748	20.992	ng/ul	99
52) Acenaphthene	14.663	153	572811	20.767	ng/ul	100
53) 2,4-Dinitrophenol	14.751	184	60868	17.908	ng/ul	97
55) 4-Nitrophenol	14.839	109	86171	20.387	ng/ul	97
56) Dibenzofuran	15.004	168	800360	21.188	ng/ul	99
57) 2,4-Dinitrotoluene	14.992	165	175813	21.967	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.216	232	160932	21.452	ng/ul	97
59) Diethylphthalate	15.416	149	637255	21.071	ng/ul	99
61) Fluorene	15.651	166	649467	21.162	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.645	204	330280	21.234	ng/ul	99
63) 4-Nitroaniline	15.716	138	116756	22.372	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.745	198	112051	19.904	ng/ul	99
67) N-Nitrosodiphenylamine	15.869	169	530918	20.847	ng/ul	99
68) 4-Bromophenyl-phenylether	16.551	248	192156	20.658	ng/ul	100
69) Hexachlorobenzene	16.633	284	225288	20.873	ng/ul	96
70) Atrazine	16.827	200	186325	20.421	ng/ul	98
71) Pentachlorophenol	16.998	266	131619	19.741	ng/ul	99
72) Phenanthrene	17.416	178	1013874	20.907	ng/ul	99
74) Anthracene	17.510	178	1054101	21.447	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.386	216	289032	20.340	ng/uL	97
76) Pentachlorobenzene	14.892	250	277432	20.668	ng/uL	98
77) Carbazole	17.798	167	919664	21.037	ng/ul	99
78) Di-n-butylphthalate	18.304	149	1030738	21.442	ng/ul	99
80) Fluoranthene	19.386	202	1197532	20.999	ng/ul	98
82) Pyrene	19.739	202	1262039	20.817	ng/ul	98
83) Butylbenzylphthalate	20.604	149	455688	21.199	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.404	252	406741	20.703	ng/ul	99
85) Benzo(a)anthracene	21.462	228	1281364	20.996	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	665675	21.444	ng/ul	99
87) Chrysene	21.515	228	1206721	21.010	ng/ul	99
89) Di-n-octyl phthalate	22.298	149	1161406	20.556	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	1269472	20.963	ng/ul	100
91) Benzo(k)fluoranthene	23.268	252	1268575	20.763	ng/ul	99
93) Benzo(a)pyrene	23.880	252	1215089	20.971	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.668	276	1494773	20.582	ng/ul	100
95) Dibenzo(a,h)anthracene	26.692	278	1249846	20.662	ng/ul	98
96) Benzo(g,h,i)perylene	27.503	276	1197196	20.441	ng/ul	99

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

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