Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062858.D
Acq On : 15 Sep 2024 23:26
Operator : JU/RC
Sample : SSTDCCC020
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020492

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 16 00:10:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	49862	20.000	ng/ul	0.00
20) Naphthalene-d8	10.692	136	202584	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.529	164	176775	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.272	188	479663	20.000	ng/ul	0.00
79) Chrysene-d12	21.520	240	528124	20.000	ng/ul	0.00
88) Perylene-d12	24.581	264	591717	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.359	96	7665	6.949	ng/uL	0.00
4) Pyridine-d5	3.765	84	61275	17.451	ng/ul	0.00
7) Phenol-d5	7.073	99	75723	17.319	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.231	67	41066	15.666	ng/ul	0.00
11) 2-Chlorophenol-d4	7.437	132	57036	17.909	ng/ul	0.00
15) 4-Methylphenol-d8	8.606	113	68311	18.748	ng/ul	0.00
21) Nitrobenzene-d5	9.053	128	31826	21.981	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	37130	23.448	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	77397	22.444	ng/ul	0.00
31) 4-Chloroaniline-d4	10.827	131	90690	19.132	ng/ul	0.00
46) Dimethylphthalate-d6	13.935	166	258684	19.003	ng/ul	0.00
49) Acenaphthylene-d8	14.223	160	288964	19.113	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	41327	17.871	ng/ul	0.00
60) Fluorene-d10	15.521	176	237399	19.353	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	58236	21.107	ng/ul	0.00
73) Anthracene-d10	17.372	188	442247	19.536	ng/ul	0.00
81) Pyrene-d10	19.664	212	560507	18.860	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.376	264	606494	19.411	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.394	88	8344	6.749	ng/uL#	90
5) Pyridine	3.788	79	61351	16.659	ng/ul	97
6) Benzaldehyde	7.037	77	50131m	20.854	ng/ul	
8) Phenol	7.096	94	77863	17.131	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.325	93	53308	15.515	ng/ul	99
12) 2-Chlorophenol	7.466	128	60350	18.533	ng/ul	98
13) 2-Methylphenol	8.342	108	62000	18.191	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.418	45	95859	15.500	ng/ul#	93
16) Acetophenone	8.718	105	108896	18.389	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.706	70	56303	18.162	ng/ul	98
18) 4-Methylphenol	8.671	108	72747	18.972	ng/ul	95
19) Hexachloroethane	8.982	117	26406	20.143	ng/ul#	81
22) Nitrobenzene	9.100	77	82874	21.158	ng/ul	95
23) Isophorone	9.617	82	148885	18.592	ng/ul	99
25) 2-Nitrophenol	9.811	139	37981	21.762	ng/ul#	93
26) 2,4-Dimethylphenol	9.869	107	78052	20.930	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.098	93	82724	18.484	ng/ul	92
29) 2,4-Dichlorophenol	10.345	162	75355	22.186	ng/ul	96
30) Naphthalene	10.745	128	211579	19.478	ng/ul	99
32) 4-Chloroaniline	10.850	127	91420	19.392	ng/ul	97
33) Hexachlorobutadiene	11.033	225	70539	24.930	ng/ul	91
34) Caprolactam	11.603	113	23740m	18.964	ng/ul	
35) 4-Chloro-3-methylphenol	11.979	107	82258	22.201	ng/ul	96
36) 2-Methylnaphthalene	12.355	142	165253	20.614	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.572	142	168817	20.558	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.719	216	132145	21.744	ng/ul	98
40) Hexachlorocyclopentadiene	12.701	237	75913	24.412	ng/ul	98
41) 2,4,6-Trichlorophenol	12.960	196	80840	21.961	ng/ul	99
42) 2,4,5-Trichlorophenol	13.036	196	88105	22.292	ng/ul	92
43) 1,1'-Biphenyl	13.359	154	233345	18.771	ng/ul	97
44) 2-Chloronaphthalene	13.400	162	195373	19.328	ng/ul	97
45) 2-Nitroaniline	13.606	65	57244	20.638	ng/ul	98
47) Dimethylphthalate	13.982	163	263956	18.828	ng/ul	100
48) 2,6-Dinitrotoluene	14.100	165	53139	21.515	ng/ul	98
50) Acenaphthylene	14.252	152	303105	18.990	ng/ul	99
51) 3-Nitroaniline	14.429	138	50030	20.232	ng/ul#	98
52) Acenaphthene	14.593	153	210609	18.628	ng/ul	99
53) 2,4-Dinitrophenol	14.640	184	36197	22.194	ng/ul	88
55) 4-Nitrophenol	14.746	109	46217	22.234	ng/ul	85
56) Dibenzofuran	14.928	168	321285	19.129	ng/ul	99
57) 2,4-Dinitrotoluene	14.893	165	82504	21.365	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.157	232	89904	22.447	ng/ul	95
59) Diethylphthalate	15.351	149	259700	18.778	ng/ul	99
61) Fluorene	15.580	166	253812	19.237	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.568	204	163038	21.066	ng/ul	100
63) 4-Nitroaniline	15.592	138	52988	19.913	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.657	198	59589	20.835	ng/ul	95
67) N-Nitrosodiphenylamine	15.786	169	233763	19.003	ng/ul	100
68) 4-Bromophenyl-phenylether	16.462	248	117020	21.201	ng/ul	95
69) Hexachlorobenzene	16.585	284	134459	21.336	ng/ul	97
70) Atrazine	16.732	200	114446	20.888	ng/ul	97
71) Pentachlorophenol	16.926	266	80330	21.311	ng/ul	92
72) Phenanthrene	17.319	178	475860	19.077	ng/ul	100
74) Anthracene	17.407	178	487525	19.172	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.330	216	137687	21.020	ng/ul	96
76) Pentachlorobenzene	14.852	250	154864	21.335	ng/ul	98
77) Carbazole	17.678	167	400057	18.971	ng/ul	97
78) Di-n-butylphthalate	18.236	149	464772	18.636	ng/ul	99
80) Fluoranthene	19.329	202	613146	18.628	ng/ul	97
82) Pyrene	19.693	202	640304	18.072	ng/ul#	95
83) Butylbenzylphthalate	20.586	149	208102	19.785	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.420	252	245904	22.116	ng/ul	99
85) Benzo(a)anthracene	21.503	228	708290	19.283	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.420	149	296257	19.129	ng/ul	98
87) Chrysene	21.567	228	669079	19.200	ng/ul	99
89) Di-n-octyl phthalate	22.572	149	500137	18.171	ng/ul	100
90) Benzo(b)fluoranthene	23.612	252	705541m	19.312	ng/ul	
91) Benzo(k)fluoranthene	23.677	252	696752	18.626	ng/ul	98
93) Benzo(a)pyrene	24.440	252	662673	19.231	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.036	276	850659	20.037	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.095	278	684443	20.071	ng/ul	97
96) Benzo(g,h,i)perylene	29.117	276	651396	19.866	ng/ul#	95

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

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