Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062843.D
Acq On : 15 Sep 2024 12:21
Operator : JU/RC
Sample : PB163400BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 15 23:29:55 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

Instrument :
BNA_G
ClientSampleId :
SLCS400

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.903	152	37712	20.000	ng/ul	0.00
20) Naphthalene-d8	10.694	136	165192	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.530	164	137809	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.274	188	369892	20.000	ng/ul	0.00
79) Chrysene-d12	21.522	240	395706	20.000	ng/ul	0.00
88) Perylene-d12	24.583	264	433611	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	5951	7.133	ng/uL	0.00
4) Pyridine-d5	3.767	84	85005	32.010	ng/ul	0.00
7) Phenol-d5	7.069	99	113130	34.210	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.233	67	62424	31.486	ng/ul	0.00
11) 2-Chlorophenol-d4	7.433	132	84492	35.077	ng/ul	0.00
15) 4-Methylphenol-d8	8.608	113	99064	35.948	ng/ul	0.00
21) Nitrobenzene-d5	9.054	128	47395	40.143	ng/ul	0.00
24) 2-Nitrophenol-d4	9.777	143	53918	41.757	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.318	165	109539	38.954	ng/ul	0.00
31) 4-Chloroaniline-d4	10.823	131	118650	30.697	ng/ul	0.00
46) Dimethylphthalate-d6	13.937	166	377751	35.596	ng/ul	0.00
49) Acenaphthylene-d8	14.225	160	419124	35.561	ng/ul	0.00
54) 4-Nitrophenol-d4	14.736	143	64007	35.505	ng/ul	0.00
60) Fluorene-d10	15.523	176	352870	36.900	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.641	200	88441	41.567	ng/ul	0.00
73) Anthracene-d10	17.374	188	619020	35.460	ng/ul	0.00
81) Pyrene-d10	19.666	212	799569	35.908	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.378	264	845576	36.931	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.396	88	11663m	12.474	ng/uL	
5) Pyridine	3.784	79	90127	32.357	ng/ul	99
6) Benzaldehyde	7.039	77	51551m	28.354	ng/ul	
8) Phenol	7.098	94	117120	34.071	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.321	93	83073	31.968	ng/ul	99
12) 2-Chlorophenol	7.468	128	86805	35.245	ng/ul	95
13) 2-Methylphenol	8.344	108	92320	35.814	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.426	45	150187	32.110	ng/ul#	97
16) Acetophenone	8.720	105	153585	34.291	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.708	70	80237	34.222	ng/ul#	94
18) 4-Methylphenol	8.673	108	102892	35.479	ng/ul	95
19) Hexachloroethane	8.978	117	37910	38.236	ng/ul	95
22) Nitrobenzene	9.096	77	121640	38.085	ng/ul	97
23) Isophorone	9.618	82	221699	33.951	ng/ul	98
25) 2-Nitrophenol	9.807	139	55230	38.809	ng/ul#	93
26) 2,4-Dimethylphenol	9.871	107	86793	28.542	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.100	93	121441	33.277	ng/ul	100
29) 2,4-Dichlorophenol	10.347	162	103328	37.308	ng/ul	94
30) Naphthalene	10.747	128	310262	35.029	ng/ul	99
32) 4-Chloroaniline	10.852	127	107844	28.054	ng/ul	97
33) Hexachlorobutadiene	11.029	225	92490	40.087	ng/ul	94
34) Caprolactam	11.610	113	36133m	35.398	ng/ul	
35) 4-Chloro-3-methylphenol	11.980	107	121991	40.378	ng/ul	94
36) 2-Methylnaphthalene	12.351	142	240797	36.836	ng/ul	92

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37) 1-Methylnaphthalene	12.568	142	239884	35.825	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.721	216	180184	38.032	ng/ul	99
40) Hexachlorocyclopentadiene	12.703	237	85718	35.360	ng/ul	97
41) 2,4,6-Trichlorophenol	12.962	196	99576	34.699	ng/ul	99
42) 2,4,5-Trichlorophenol	13.038	196	116488	37.807	ng/ul	93
43) 1,1'-Biphenyl	13.361	154	339883	35.072	ng/ul	99
44) 2-Chloronaphthalene	13.402	162	279979	35.529	ng/ul	98
45) 2-Nitroaniline	13.608	65	87383	40.411	ng/ul	98
47) Dimethylphthalate	13.984	163	389256	35.617	ng/ul	99
48) 2,6-Dinitrotoluene	14.101	165	78187	40.607	ng/ul	97
50) Acenaphthylene	14.254	152	451616	36.294	ng/ul	99
51) 3-Nitroaniline	14.431	138	73476	38.116	ng/ul	94
52) Acenaphthene	14.595	153	300993	34.149	ng/ul	100
53) 2,4-Dinitrophenol	14.642	184	45360	35.677	ng/ul	93
55) 4-Nitrophenol	14.748	109	62126	38.338	ng/ul	96
56) Dibenzofuran	14.930	168	458876	35.046	ng/ul	100
57) 2,4-Dinitrotoluene	14.895	165	119268	39.619	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.159	232	98269	31.472	ng/ul	94
59) Diethylphthalate	15.347	149	383855	35.603	ng/ul	99
61) Fluorene	15.582	166	367773	35.755	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.570	204	229770	38.082	ng/ul	99
63) 4-Nitroaniline	15.600	138	83798	40.396	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.658	198	85888	38.942	ng/ul#	92
67) N-Nitrosodiphenylamine	15.788	169	340803	35.926	ng/ul	98
68) 4-Bromophenyl-phenylether	16.463	248	163503	38.413	ng/ul	97
69) Hexachlorobenzene	16.587	284	185805	38.233	ng/ul	97
70) Atrazine	16.734	200	3123	0.739	ng/ul	92
71) Pentachlorophenol	16.928	266	57140	19.657	ng/ul	88
72) Phenanthrene	17.315	178	686192	35.673	ng/ul	99
74) Anthracene	17.409	178	690698	35.222	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.326	216	186033	36.828	ng/ul	99
76) Pentachlorobenzene	14.848	250	200441	35.808	ng/ul	97
77) Carbazole	17.680	167	591236	36.357	ng/ul	99
78) Di-n-butylphthalate	18.238	149	689503	35.852	ng/ul	99
80) Fluoranthene	19.331	202	880644	35.709	ng/ul	97
82) Pyrene	19.695	202	921851	34.725	ng/ul	98
83) Butylbenzylphthalate	20.588	149	305750	38.797	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.422	252	318650	38.249	ng/ul	98
85) Benzo(a)anthracene	21.505	228	1006860	36.584	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	437632	37.714	ng/ul	100
87) Chrysene	21.569	228	948460	36.326	ng/ul	98
89) Di-n-octyl phthalate	22.574	149	759673	37.665	ng/ul	100
90) Benzo(b)fluoranthene	23.620	252	1005971	37.576	ng/ul	98
91) Benzo(k)fluoranthene	23.684	252	1024098	37.359	ng/ul	98
93) Benzo(a)pyrene	24.442	252	915047	36.238	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.038	276	1185402	38.102	ng/ul	96
95) Dibenzo(a,h)anthracene	28.103	278	975099	39.020	ng/ul	99
96) Benzo(g,h,i)perylene	29.125	276	942637	39.230	ng/ul	98

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

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