Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091124\
Data File : BP021882.D
Acq On : 11 Sep 2024 13:41
Operator : RC/JU
Sample : SSTD01032
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 11 15:13:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 15:08:33 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD010610

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	77820	20.000	ng/ul	0.00
20) Naphthalene-d8	10.510	136	455438	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.339	164	330668	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.128	188	776490	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	855486	20.000	ng/ul	-0.02
88) Perylene-d12	24.862	264	1041938	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	11427	4.674	ng/uL	0.00
4) Pyridine-d5	3.681	84	64373	9.231	ng/ul	0.00
7) Phenol-d5	6.922	99	59402	7.555	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	36901	8.555	ng/ul	0.00
11) 2-Chlorophenol-d4	7.287	132	49900	9.469	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	52978	8.583	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	25547	7.094	ng/ul	0.00
24) 2-Nitrophenol-d4	9.593	143	33401	9.022	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	78669	10.612	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	106745	10.086	ng/ul	0.00
46) Dimethylphthalate-d6	13.745	166	262239	10.393	ng/ul	0.00
49) Acenaphthylene-d8	14.028	160	291069	10.381	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	45521	9.502	ng/ul	0.00
60) Fluorene-d10	15.339	176	237782	10.328	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.457	200	37263	8.753	ng/ul	-0.02
73) Anthracene-d10	17.228	188	391814	10.748	ng/ul	-0.01
81) Pyrene-d10	19.592	212	497612	10.279	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.633	264	569734	10.345	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	12191	4.724	ng/uL	99
5) Pyridine	3.705	79	62524	8.895	ng/ul	98
6) Benzaldehyde	6.893	77	38003	9.450	ng/ul	97
8) Phenol	6.952	94	61147	7.460	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.169	93	49599	7.848	ng/ul	96
12) 2-Chlorophenol	7.316	128	52093	9.467	ng/ul	99
13) 2-Methylphenol	8.181	108	47694	8.032	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.252	45	58659	9.374	ng/ul	98
16) Acetophenone	8.552	105	90947	9.223	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.534	70	43679	9.328	ng/ul#	94
18) 4-Methylphenol	8.499	108	54959	8.428	ng/ul	87
19) Hexachloroethane	8.810	117	23979	9.736	ng/ul	96
22) Nitrobenzene	8.922	77	74449	7.518	ng/ul	98
23) Isophorone	9.446	82	162445	8.329	ng/ul	98
25) 2-Nitrophenol	9.628	139	38287	9.374	ng/ul	92
26) 2,4-Dimethylphenol	9.687	107	87022	8.914	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.916	93	101832	8.382	ng/ul	99
29) 2,4-Dichlorophenol	10.157	162	80979	10.879	ng/ul	96
30) Naphthalene	10.557	128	258445	10.235	ng/ul	98
32) 4-Chloroaniline	10.663	127	108288	10.244	ng/ul	98
33) Hexachlorobutadiene	10.840	225	61267	11.925	ng/ul	98
34) Caprolactam	11.434	113	23093m	7.691	ng/ul	
35) 4-Chloro-3-methylphenol	11.781	107	89283	9.424	ng/ul	91
36) 2-Methylnaphthalene	12.157	142	201588	11.637	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	208053	11.869	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.528	216	139812	13.469	ng/ul	99
40) Hexachlorocyclopentadiene	12.510	237	70314	11.786	ng/ul#	96
41) 2,4,6-Trichlorophenol	12.769	196	81024	12.201	ng/ul	93
42) 2,4,5-Trichlorophenol	12.840	196	90024	12.518	ng/ul	97
43) 1,1'-Biphenyl	13.169	154	291127	11.911	ng/ul	99
44) 2-Chloronaphthalene	13.210	162	235189	12.217	ng/ul	96
45) 2-Nitroaniline	13.410	65	53483	9.036	ng/ul	100
47) Dimethylphthalate	13.792	163	269982	10.706	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	46058	9.857	ng/ul	96
50) Acenaphthylene	14.057	152	318651	10.634	ng/ul	98
51) 3-Nitroaniline	14.240	138	45800	9.116	ng/ul	99
52) Acenaphthene	14.404	153	227916	10.755	ng/ul	98
53) 2,4-Dinitrophenol	14.451	184	20833	7.392	ng/ul	87
55) 4-Nitrophenol	14.557	109	43710	9.720	ng/ul	93
56) Dibenzofuran	14.739	168	336743	11.304	ng/ul	97
57) 2,4-Dinitrotoluene	14.710	165	72182	10.093	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.975	232	68800	10.797	ng/ul	98
59) Diethylphthalate	15.169	149	271358	10.440	ng/ul	99
61) Fluorene	15.398	166	274518	10.573	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.392	204	140791	10.699	ng/ul	96
63) 4-Nitroaniline	15.410	138	50587	9.527	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.469	198	43023	9.055	ng/ul	98
67) N-Nitrosodiphenylamine	15.610	169	236021	10.573	ng/ul	99
68) 4-Bromophenyl-phenylether	16.304	248	85820	10.180	ng/ul	98
69) Hexachlorobenzene	16.422	284	104106	10.356	ng/ul	97
70) Atrazine	16.581	200	88924	10.381	ng/ul	99
71) Pentachlorophenol	16.769	266	58840	9.168	ng/ul	97
72) Phenanthrene	17.169	178	468518	11.060	ng/ul	99
74) Anthracene	17.263	178	473685	11.071	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.128	216	141505	13.296	ng/uL	95
76) Pentachlorobenzene	14.663	250	125746	11.255	ng/uL	98
77) Carbazole	17.545	167	427416	11.129	ng/ul	100
78) Di-n-butylphthalate	18.128	149	441223	9.639	ng/ul	99
80) Fluoranthene	19.251	202	579526	10.282	ng/ul	100
82) Pyrene	19.627	202	639817	10.664	ng/ul	98
83) Butylbenzylphthalate	20.580	149	203046	8.573	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.451	252	196891	9.404	ng/ul	97
85) Benzo(a)anthracene	21.527	228	655688	10.873	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	298346	8.582	ng/ul	99
87) Chrysene	21.604	228	626955	11.003	ng/ul	99
89) Di-n-octyl phthalate	22.739	149	476429	7.617	ng/ul	100
90) Benzo(b)fluoranthene	23.815	252	673423	10.459	ng/ul	99
91) Benzo(k)fluoranthene	23.880	252	686110	10.750	ng/ul	99
93) Benzo(a)pyrene	24.698	252	633533	10.611	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.633	276	797284m	10.290	ng/ul	
95) Dibenzo(a,h)anthracene	28.715	278	635844	10.187	ng/ul	99
96) Benzo(g,h,i)perylene	29.809	276	624884m	10.388	ng/ul	

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

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