Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
Data File : BP022096.D
Acq On : 28 Sep 2024 07:53
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Sep 29 05:36:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020775

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	119243	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136	464406	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	361952	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	885778	20.000	ng/ul	-0.01
79) Chrysene-d12	21.539	240	924013	20.000	ng/ul	0.00
88) Perylene-d12	24.815	264	1069612	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	21414	7.034	ng/uL	0.00
4) Pyridine-d5	3.634	84	162491	18.673	ng/ul	0.00
7) Phenol-d5	6.887	99	193618	19.850	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	112690	18.762	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	149101	21.127	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	156984	20.310	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	71330	20.521	ng/ul	0.00
24) 2-Nitrophenol-d4	9.551	143	85853	21.784	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	181905	21.253	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.593	131	205570	20.130	ng/ul	-0.01
46) Dimethylphthalate-d6	13.710	166	580704	20.755	ng/ul	-0.01
49) Acenaphthylene-d8	13.998	160	628612	21.220	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	91177	19.051	ng/ul	0.00
60) Fluorene-d10	15.322	176	507814	20.518	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	105474	19.179	ng/ul	0.00
73) Anthracene-d10	17.216	188	835064	20.194	ng/ul	0.00
81) Pyrene-d10	19.586	212	1033468	21.588	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.610	264	1159476	20.610	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	22936	6.955	ng/uL	96
5) Pyridine	3.658	79	165736	18.747	ng/ul	97
6) Benzaldehyde	6.857	77	134655	24.404	ng/ul	97
8) Phenol	6.916	94	201750	19.820	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.128	93	152795	19.612	ng/ul	98
12) 2-Chlorophenol	7.275	128	152746	20.878	ng/ul	98
13) 2-Methylphenol	8.140	108	146504	19.844	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.210	45	136469	18.882	ng/ul	97
16) Acetophenone	8.510	105	264667	20.586	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.499	70	138117	20.722	ng/ul	98
18) 4-Methylphenol	8.463	108	164550	20.439	ng/ul	99
19) Hexachloroethane	8.763	117	69286	20.062	ng/ul	96
22) Nitrobenzene	8.881	77	206613	19.442	ng/ul	97
23) Isophorone	9.404	82	376495	20.453	ng/ul	98
25) 2-Nitrophenol	9.581	139	91023	21.585	ng/ul	97
26) 2,4-Dimethylphenol	9.646	107	198527	20.782	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.875	93	208306	19.631	ng/ul	99
29) 2,4-Dichlorophenol	10.116	162	179339	21.090	ng/ul	97
30) Naphthalene	10.510	128	501732	20.533	ng/ul	99
32) 4-Chloroaniline	10.616	127	203242	20.095	ng/ul	98
33) Hexachlorobutadiene	10.798	225	153103	20.279	ng/ul	97
34) Caprolactam	11.387	113	49326	19.123	ng/ul	94
35) 4-Chloro-3-methylphenol	11.745	107	188390	20.479	ng/ul	97
36) 2-Methylnaphthalene	12.122	142	373061	20.544	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.334	142	377554	20.615	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.493	216	279337	20.816	ng/ul#	97
40)	Hexachlorocyclopentadiene	12.475	237	171617	20.331	ng/ul	97
41)	2,4,6-Trichlorophenol	12.734	196	175152	21.833	ng/ul	99
42)	2,4,5-Trichlorophenol	12.810	196	189287	21.789	ng/ul	99
43)	1,1'-Biphenyl	13.140	154	542318	20.952	ng/ul	98
44)	2-Chloronaphthalene	13.181	162	435862	20.915	ng/ul	99
45)	2-Nitroaniline	13.381	65	122134	20.268	ng/ul	88
47)	Dimethylphthalate	13.763	163	577610	20.554	ng/ul	99
48)	2,6-Dinitrotoluene	13.892	165	113311	21.032	ng/ul	94
50)	Acenaphthylene	14.028	152	648148	20.981	ng/ul	99
51)	3-Nitroaniline	14.222	138	100352	20.460	ng/ul	97
52)	Acenaphthene	14.381	153	464545	20.696	ng/ul	98
53)	2,4-Dinitrophenol	14.422	184	78211	21.336	ng/ul	97
55)	4-Nitrophenol	14.545	109	102459	18.923	ng/ul	97
56)	Dibenzofuran	14.716	168	686612	20.575	ng/ul	98
57)	2,4-Dinitrotoluene	14.681	165	179198	21.584	ng/ul	90
58)	2,3,4,6-Tetrachlorophenol	14.951	232	177595	21.238	ng/ul	98
59)	Diethylphthalate	15.157	149	566129	20.355	ng/ul	99
61)	Fluorene	15.375	166	554827	19.992	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.375	204	321725	20.136	ng/ul	99
63)	4-Nitroaniline	15.392	138	109805	21.996	ng/ul	95
66)	4,6-Dinitro-2-methylph...	15.451	198	115068	19.219	ng/ul	99
67)	N-Nitrosodiphenylamine	15.598	169	485613	20.815	ng/ul	99
68)	4-Bromophenyl-phenylether	16.286	248	226903	21.331	ng/ul	99
69)	Hexachlorobenzene	16.398	284	286404	22.174	ng/ul#	93
70)	Atrazine	16.575	200	212657	20.433	ng/ul	100
71)	Pentachlorophenol	16.751	266	174311	20.228	ng/ul	100
72)	Phenanthrene	17.151	178	941769	20.278	ng/ul	100
74)	Anthracene	17.251	178	945519	20.006	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.104	216	284841	21.429	ng/uL	99
76)	Pentachlorobenzene	14.639	250	318544	21.792	ng/uL	99
77)	Carbazole	17.522	167	813153	19.521	ng/ul	99
78)	Di-n-butylphthalate	18.122	149	968845	20.174	ng/ul	99
80)	Fluoranthene	19.239	202	1198274	21.900	ng/ul	97
82)	Pyrene	19.616	202	1291838	21.935	ng/ul	96
83)	Butylbenzylphthalate	20.569	149	443149	21.590	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.439	252	454494	21.482	ng/ul	99
85)	Benzo(a)anthracene	21.516	228	1297405	20.374	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.463	149	643105	21.355	ng/ul	99
87)	Chrysene	21.586	228	1220029	20.414	ng/ul	100
89)	Di-n-octyl phthalate	22.710	149	1056346	19.992	ng/ul	100
90)	Benzo(b)fluoranthene	23.786	252	1355902	20.421	ng/ul	99
91)	Benzo(k)fluoranthene	23.857	252	1336840	20.201	ng/ul#	99
93)	Benzo(a)pyrene	24.668	252	1228492	20.079	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	28.550	276	1608136	20.159	ng/ul#	98
95)	Dibenzo(a,h)anthracene	28.621	278	1290369	20.079	ng/ul#	97
96)	Benzo(g,h,i)perylene	29.697	276	1214169m	19.615	ng/ul	

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

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