Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022041.D
Acq On : 26 Sep 2024 00:15
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 26 02:27:19 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 :
SSTD020770

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	122401	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136	474853	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	365003	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	918192	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1052382	20.000	ng/ul	0.00
88) Perylene-d12	24.821	264	1181109	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	24514	7.845	ng/uL	0.00
4) Pyridine-d5	3.634	84	176156	19.721	ng/ul	0.00
7) Phenol-d5	6.887	99	196076	19.583	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	122664	19.896	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	148704	20.527	ng/ul	0.00
15) 4-Methylphenol-d8	8.405	113	158508	19.978	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	72884	20.507	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	82848	20.559	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.093	165	184651	21.100	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	206155	19.743	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	576716	20.440	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	616187	20.627	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	94775	19.638	ng/ul	0.00
60) Fluorene-d10	15.322	176	498221	19.962	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	100817	17.685	ng/ul	0.00
73) Anthracene-d10	17.222	188	849940	19.828	ng/ul	0.00
81) Pyrene-d10	19.586	212	1102318	20.218	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.592	264	1240009	19.961	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	25835	7.632	ng/uL	96
5) Pyridine	3.652	79	179975	19.832	ng/ul	99
6) Benzaldehyde	6.864	77	139183	24.573	ng/ul	97
8) Phenol	6.916	94	206045	19.719	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.134	93	160092	20.018	ng/ul	99
12) 2-Chlorophenol	7.275	128	154458	20.567	ng/ul	100
13) 2-Methylphenol	8.146	108	151119	19.941	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	148277	19.986	ng/ul	99
16) Acetophenone	8.511	105	265164	20.092	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.499	70	141776	20.722	ng/ul	98
18) 4-Methylphenol	8.469	108	166236	20.116	ng/ul	97
19) Hexachloroethane	8.769	117	70379	19.852	ng/ul	92
22) Nitrobenzene	8.881	77	216295	19.905	ng/ul	99
23) Isophorone	9.405	82	375448	19.948	ng/ul	99
25) 2-Nitrophenol	9.587	139	89816	20.830	ng/ul	97
26) 2,4-Dimethylphenol	9.652	107	197496	20.219	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.881	93	219943	20.272	ng/ul	99
29) 2,4-Dichlorophenol	10.116	162	180662	20.779	ng/ul	98
30) Naphthalene	10.516	128	494173	19.778	ng/ul	99
32) 4-Chloroaniline	10.622	127	203283	19.657	ng/ul	98
33) Hexachlorobutadiene	10.799	225	153234	19.850	ng/ul	98
34) Caprolactam	11.393	113	49700	18.844	ng/ul	96
35) 4-Chloro-3-methylphenol	11.746	107	190945	20.300	ng/ul	96
36) 2-Methylnaphthalene	12.122	142	365965	19.709	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.340	142	373791	19.961	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.493	216	274239	20.265	ng/ul	97
40)	Hexachlorocyclopentadiene	12.475	237	161106	18.926	ng/ul	95
41)	2,4,6-Trichlorophenol	12.734	196	170358	21.058	ng/ul	97
42)	2,4,5-Trichlorophenol	12.810	196	185498	21.174	ng/ul	98
43)	1,1'-Biphenyl	13.140	154	530832	20.337	ng/ul	99
44)	2-Chloronaphthalene	13.175	162	430951	20.506	ng/ul	98
45)	2-Nitroaniline	13.381	65	124549	20.496	ng/ul	94
47)	Dimethylphthalate	13.763	163	565648	19.960	ng/ul	99
48)	2,6-Dinitrotoluene	13.887	165	111512	20.526	ng/ul	99
50)	Acenaphthylene	14.034	152	642920	20.638	ng/ul	99
51)	3-Nitroaniline	14.216	138	103057	20.835	ng/ul	97
52)	Acenaphthene	14.381	153	453312	20.027	ng/ul	98
53)	2,4-Dinitrophenol	14.428	184	59970	16.223	ng/ul	93
55)	4-Nitrophenol	14.546	109	106498	19.505	ng/ul	98
56)	Dibenzofuran	14.716	168	683208	20.302	ng/ul	98
57)	2,4-Dinitrotoluene	14.681	165	171024	20.427	ng/ul	93
58)	2,3,4,6-Tetrachlorophenol	14.951	232	171372	20.322	ng/ul	98
59)	Diethylphthalate	15.157	149	566838	20.211	ng/ul	98
61)	Fluorene	15.375	166	553178	19.766	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.375	204	316196	19.625	ng/ul	99
63)	4-Nitroaniline	15.398	138	108325	21.518	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.463	198	111773	18.010	ng/ul	96
67)	N-Nitrosodiphenylamine	15.598	169	484801	20.047	ng/ul	99
68)	4-Bromophenyl-phenylether	16.292	248	226812	20.570	ng/ul	98
69)	Hexachlorobenzene	16.404	284	271204	20.256	ng/ul	97
70)	Atrazine	16.569	200	214955	19.925	ng/ul	98
71)	Pentachlorophenol	16.757	266	170566	19.094	ng/ul	99
72)	Phenanthrene	17.157	178	960554	19.952	ng/ul	100
74)	Anthracene	17.251	178	971807	19.836	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.099	216	280449	20.354	ng/uL	99
76)	Pentachlorobenzene	14.640	250	304381	20.088	ng/uL	98
77)	Carbazole	17.534	167	855646	19.816	ng/ul	100
78)	Di-n-butylphthalate	18.128	149	996921	20.026	ng/ul	99
80)	Fluoranthene	19.245	202	1255094	20.140	ng/ul	99
82)	Pyrene	19.622	202	1336356	19.923	ng/ul	97
83)	Butylbenzylphthalate	20.575	149	460677	19.706	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.451	252	480067	19.923	ng/ul	99
85)	Benzo(a)anthracene	21.522	228	1429140	19.705	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.463	149	690598	20.135	ng/ul	99
87)	Chrysene	21.592	228	1332487	19.576	ng/ul	100
89)	Di-n-octyl phthalate	22.710	149	1152660	19.755	ng/ul	100
90)	Benzo(b)fluoranthene	23.780	252	1496370	20.409	ng/ul	99
91)	Benzo(k)fluoranthene	23.851	252	1455810m	19.922	ng/ul	
93)	Benzo(a)pyrene	24.669	252	1333148	19.733	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	28.539	276	1723384m	19.564	ng/ul	
95)	Dibenzo(a,h)anthracene	28.615	278	1388095	19.561	ng/ul	97
96)	Benzo(g,h,i)perylene	29.698	276	1313431m	19.216	ng/ul	

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

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