Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022180.D
Acq On : 03 Oct 2024 03:39
Operator : RC/JU
Sample : P4017-09MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDC70MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 03 07:48:25 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	158785	20.000	ng/ul	0.00
20) Naphthalene-d8	10.457	136	595161	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.322	164	437264	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.145	188	948493	20.000	ng/ul	0.03
79) Chrysene-d12	21.545	240	945418	20.000	ng/ul	0.00
88) Perylene-d12	24.833	264	1209150	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	12137	2.994	ng/uL	0.00
4) Pyridine-d5	3.634	84	143343	12.371	ng/ul	0.00
7) Phenol-d5	6.893	99	293196	22.573	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	169438	21.185	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	212923	22.657	ng/ul	0.00
15) 4-Methylphenol-d8	8.410	113	215899	20.977	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	106912	24.001	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	124886	24.726	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	263645	24.036	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	242382	18.520	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	770919	22.808	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	839255	23.451	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	142889m	24.714	ng/ul	0.03
60) Fluorene-d10	15.334	176	665867	22.270	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	112840	19.162	ng/ul	0.00
73) Anthracene-d10	17.233	188	1061976	23.984	ng/ul	0.02
81) Pyrene-d10	19.598	212	1237704	25.269	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.621	264	1470798	23.127	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	36939	8.412	ng/uL	96
5) Pyridine	3.658	79	291770	24.784	ng/ul	97
6) Benzaldehyde	6.857	77	331608	45.131	ng/ul#	18
8) Phenol	6.922	94	374959	27.662	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.134	93	278106	26.806	ng/ul	96
12) 2-Chlorophenol	7.281	128	290431	29.811	ng/ul	94
13) 2-Methylphenol	8.146	108	262521	26.704	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.210	45	241341	25.076	ng/ul#	89
16) Acetophenone	8.499	105	1637560	95.651	ng/ul#	41
17) N-Nitroso-di-n-propyla...	8.499	70	238693	26.894	ng/ul	96
18) 4-Methylphenol	8.469	108	281267	26.236	ng/ul	98
19) Hexachloroethane	8.793	117	279348m	60.742	ng/ul	
22) Nitrobenzene	8.881	77	368339	27.046	ng/ul#	94
23) Isophorone	9.410	82	881417	37.363	ng/ul#	90
25) 2-Nitrophenol	9.587	139	170742	31.594	ng/ul	95
26) 2,4-Dimethylphenol	9.657	107	288554	23.570	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.881	93	365439	26.874	ng/ul	94
29) 2,4-Dichlorophenol	10.128	162	346441	31.791	ng/ul	97
30) Naphthalene	10.510	128	1559144	49.788	ng/ul	98
32) 4-Chloroaniline	10.628	127	176456	13.614	ng/ul	98
33) Hexachlorobutadiene	10.793	225	280316	28.972	ng/ul	97
34) Caprolactam	11.487	113	167730m	50.740	ng/ul	
35) 4-Chloro-3-methylphenol	11.763	107	325900	27.643	ng/ul	98
36) 2-Methylnaphthalene	12.128	142	1945586	83.600	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.340	142	1428265	60.852	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.492	216	481982	29.730	ng/ul	98
40) Hexachlorocyclopentadiene	12.475	237	241868	23.718	ng/ul	96
41) 2,4,6-Trichlorophenol	12.740	196	332800	34.339	ng/ul	98
42) 2,4,5-Trichlorophenol	12.822	196	336667	32.079	ng/ul	99
43) 1,1'-Biphenyl	13.140	154	1045906	33.449	ng/ul#	97
44) 2-Chloronaphthalene	13.181	162	738994	29.353	ng/ul	98
45) 2-Nitroaniline	13.387	65	207706	28.532	ng/ul	89
47) Dimethylphthalate	13.763	163	926429	27.288	ng/ul	98
48) 2,6-Dinitrotoluene	13.892	165	201118	30.901	ng/ul#	93
50) Acenaphthylene	14.039	152	1085545	29.088	ng/ul	95
51) 3-Nitroaniline	14.228	138	124369	20.989	ng/ul#	88
52) Acenaphthene	14.387	153	815328	30.068	ng/ul	98
53) 2,4-Dinitrophenol	14.434	184	153889m	34.750	ng/ul	
55) 4-Nitrophenol	14.569	109	213610	32.657	ng/ul	86
56) Dibenzofuran	14.728	168	1156568	28.689	ng/ul	99
57) 2,4-Dinitrotoluene	14.692	165	289492	28.863	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	14.981	232	5356177	530.197	ng/ul	97
59) Diethylphthalate	15.169	149	887218	26.406	ng/ul	96
61) Fluorene	15.386	166	1002971	29.916	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.381	204	507421	26.288	ng/ul	95
63) 4-Nitroaniline	15.410	138	167213	27.727	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.469	198	165541	25.821	ng/ul#	75
67) N-Nitrosodiphenylamine	15.604	169	918198	36.755	ng/ul	93
68) 4-Bromophenyl-phenylether	16.298	248	365020	32.047	ng/ul	95
69) Hexachlorobenzene	16.416	284	477551	34.529	ng/ul	97
70) Atrazine	16.657	200	248446	22.294	ng/ul#	97
71) Pentachlorophenol	16.839	266	34404254m	3728.402	ng/ul	
72) Phenanthrene	17.180	178	1980939	39.833	ng/ul	98
74) Anthracene	17.275	178	1459585	28.841	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.104	216	463317	32.552	ng/uL	98
76) Pentachlorobenzene	14.657	250	503838	32.189	ng/uL	98
77) Carbazole	17.539	167	1254284	28.121	ng/ul	97
78) Di-n-butylphthalate	18.133	149	1488564	28.947	ng/ul	99
80) Fluoranthene	19.251	202	1767043	31.564	ng/ul	98
82) Pyrene	19.627	202	1877481	31.157	ng/ul#	95
83) Butylbenzylphthalate	20.569	149	666854	31.753	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.451	252	221262	10.222	ng/ul	96
85) Benzo(a)anthracene	21.527	228	1855873	28.484	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	1060217	34.409	ng/ul#	98
87) Chrysene	21.592	228	1733054	28.342	ng/ul	99
89) Di-n-octyl phthalate	22.715	149	1666599	27.901	ng/ul	100
90) Benzo(b)fluoranthene	23.798	252	2018480	26.891	ng/ul	99
91) Benzo(k)fluoranthene	23.862	252	2037151m	27.231	ng/ul	
93) Benzo(a)pyrene	24.686	252	1855596	26.829	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.592	276	2609224	28.933	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.650	278	2110181	29.047	ng/ul	97
96) Benzo(g,h,i)perylene	29.745	276	1992704m	28.477	ng/ul	

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

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