Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021296.D
Acq On : 01 Aug 2024 19:36
Operator : CG/JU
Sample : P3264-25MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CN0MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 01 23:05:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	129095	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.393	136	485624	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.275	164	314703	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	682487m	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	766679	20.000	ng/ul	0.00
88) Perylene-d12	24.815	264	970426	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	8952	3.156	ng/uL	-0.01
4) Pyridine-d5	3.587	84	131517	16.013	ng/ul	0.00
7) Phenol-d5	6.840	99	208546	19.815	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	116344	18.241	ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132	180561	20.822	ng/ul	0.00
15) 4-Methylphenol-d8	8.352	113	171173	19.582	ng/ul	-0.01
21) Nitrobenzene-d5	8.787	128	91103	24.153	ng/ul	0.00
24) 2-Nitrophenol-d4	9.499	143	106822	24.744	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	194340	24.895	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	236231	22.843	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	610219	26.674	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	682170	26.556	ng/ul	0.00
54) 4-Nitrophenol-d4	14.587	143	105418	32.387	ng/ul	0.00
60) Fluorene-d10	15.287	176	526541	28.055	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	112246	27.182	ng/ul	0.00
73) Anthracene-d10	17.192	188	829518	27.365	ng/ul	0.00
81) Pyrene-d10	19.575	212	1121215	23.655	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.592	264	1393857	29.123	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.199	88	18220	5.840	ng/uL	96
5) Pyridine	3.605	79	124616	14.711	ng/ul	94
6) Benzaldehyde	6.799	77	97838	18.439	ng/ul	99
8) Phenol	6.869	94	213506	20.048	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.069	93	159261	18.102	ng/ul	95
12) 2-Chlorophenol	7.205	128	174915	20.126	ng/ul	95
13) 2-Methylphenol	8.093	108	161262	19.579	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.140	45	200747	15.794	ng/ul#	91
16) Acetophenone	8.452	105	276406	20.488	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.422	70	132667	18.767	ng/ul	96
18) 4-Methylphenol	8.422	108	177318	20.095	ng/ul	96
19) Hexachloroethane	8.669	117	70452	18.039	ng/ul	89
22) Nitrobenzene	8.828	77	190612	21.096	ng/ul	96
23) Isophorone	9.340	82	378344	21.063	ng/ul	99
25) 2-Nitrophenol	9.534	139	110452	24.531	ng/ul	94
26) 2,4-Dimethylphenol	9.604	107	137653	15.504	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.816	93	222273	20.357	ng/ul	98
29) 2,4-Dichlorophenol	10.075	162	187640	24.390	ng/ul	99
30) Naphthalene	10.440	128	582684	22.811	ng/ul	99
32) 4-Chloroaniline	10.587	127	182817	18.512	ng/ul	99
33) Hexachlorobutadiene	10.704	225	131716	22.833	ng/ul	97
34) Caprolactam	11.410	113	63032	26.596	ng/ul	84
35) 4-Chloro-3-methylphenol	11.746	107	207863	24.856	ng/ul	95
36) 2-Methylnaphthalene	12.063	142	414767	23.654	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	428019	23.734	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.440	216	263519	25.784	ng/ul	97
40) Hexachlorocyclopentadiene	12.393	237	31576	5.906	ng/ul#	99
41) 2,4,6-Trichlorophenol	12.704	196	163855	25.372	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	181940	26.627	ng/ul	100
43) 1,1'-Biphenyl	13.087	154	564354	24.538	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	451288	24.579	ng/ul	99
45) 2-Nitroaniline	13.369	65	128752	25.358	ng/ul	98
47) Dimethylphthalate	13.728	163	576804	24.849	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	120360	25.935	ng/ul	96
50) Acenaphthylene	13.993	152	716411	24.632	ng/ul	100
51) 3-Nitroaniline	14.228	138	115336	28.559	ng/ul	97
52) Acenaphthene	14.334	153	481659	24.951	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	57661	23.659	ng/ul	100
55) 4-Nitrophenol	14.598	109	80476	30.394	ng/ul#	78
56) Dibenzofuran	14.681	168	693526	26.235	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	182566	28.657	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	14.934	232	159071	27.187	ng/ul#	93
59) Diethylphthalate	15.116	149	563945	24.310	ng/ul	98
61) Fluorene	15.339	166	569371	26.394	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.334	204	301478	25.755	ng/ul	97
63) 4-Nitroaniline	15.422	138	118717	35.497	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.481	198	113623	25.947	ng/ul#	90
67) N-Nitrosodiphenylamine	15.563	169	494674m	24.890	ng/ul	
68) 4-Bromophenyl-phenylether	16.257	248	203140	25.394	ng/ul	96
69) Hexachlorobenzene	16.369	284	248627	27.106	ng/ul	94
70) Atrazine	16.557	200	135278	18.677	ng/ul	100
71) Pentachlorophenol	16.751	266	125596m	25.212	ng/ul	
72) Phenanthrene	17.134	178	959103m	27.090	ng/ul	
74) Anthracene	17.234	178	921429	25.529	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	261234	23.915	ng/uL	98
76) Pentachlorobenzene	14.592	250	276687	25.491	ng/uL	99
77) Carbazole	17.528	167	870112	29.490	ng/ul	99
78) Di-n-butylphthalate	18.086	149	987162	24.250	ng/ul	100
80) Fluoranthene	19.228	202	1264761	22.095	ng/ul	95
82) Pyrene	19.610	202	1331533	22.859	ng/ul	95
83) Butylbenzylphthalate	20.545	149	494161	20.362	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.439	252	434572	24.806	ng/ul#	98
85) Benzo(a)anthracene	21.510	228	1417510	26.394	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.416	149	680921	19.496	ng/ul#	98
87) Chrysene	21.580	228	1359716	27.246	ng/ul	99
89) Di-n-octyl phthalate	22.657	149	1274041	19.874	ng/ul	100
90) Benzo(b)fluoranthene	23.780	252	1570076	26.661	ng/ul	98
91) Benzo(k)fluoranthene	23.845	252	1514287	25.766	ng/ul#	98
93) Benzo(a)pyrene	24.663	252	1329835	23.896	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.562	276	2040264	28.451	ng/ul	98
95) Dibenzo(a,h)anthracene	28.609	278	1645669	27.713	ng/ul	98
96) Benzo(g,h,i)perylene	29.750	276	1596105m	27.330	ng/ul	

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

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