Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
Data File : BP019789.D
Acq On : 20 Feb 2024 17:02
Operator : MA/JU
Sample : P1514-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-343MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2024
Supervised By :mohammad ahmed 02/21/2024

Quant Time: Feb 20 23:52:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 19 23:35:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	74100	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	269872	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	184548	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	404146	20.000	ng	0.00
76) Chrysene-d12	21.386	240	443300	20.000	ng	# 0.00
86) Perylene-d12	23.798	264	513600	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	531094	115.531	ng	0.00
7) Phenol-d6	7.075	99	652665	105.295	ng	0.00
23) Nitrobenzene-d5	9.069	82	508610	81.664	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	426887	158.427	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1203224	80.600	ng	0.00
79) Terphenyl-d14	19.857	244	2262041	83.917	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	57819	32.645	ng	# 76
3) Pyridine	3.793	79	141270	29.420	ng	98
4) n-Nitrosodimethylamine	3.705	42	82460	39.444	ng	98
6) Aniline	7.234	93	109868	18.242	ng	98
8) 2-Chlorophenol	7.463	128	205327	43.505	ng	96
9) Benzaldehyde	7.046	77	28742m	6.614	ng	
10) Phenol	7.099	94	236986	38.361	ng	98
11) bis(2-Chloroethyl)ether	7.334	93	192888	40.132	ng	100
12) 1,3-Dichlorobenzene	7.787	146	230710	39.950	ng	98
13) 1,4-Dichlorobenzene	7.934	146	234576	40.093	ng	99
14) 1,2-Dichlorobenzene	8.246	146	225660	39.862	ng	99
15) Benzyl Alcohol	8.152	79	219094m	44.238	ng	
16) 2,2'-oxybis(1-Chloropr...	8.422	45	191974	39.942	ng	99
17) 2-Methylphenol	8.346	107	176302	42.389	ng	99
18) Hexachloroethane	8.963	117	88984	39.237	ng	98
19) n-Nitroso-di-n-propyla...	8.716	70	171423	40.489	ng	98
20) 3+4-Methylphenols	8.681	107	232976	41.044	ng	98
22) Acetophenone	8.734	105	328914	42.781	ng	# 96
24) Nitrobenzene	9.110	77	259504	41.383	ng	98
25) Isophorone	9.640	82	473655	43.669	ng	99
26) 2-Nitrophenol	9.816	139	114572	47.918	ng	96
27) 2,4-Dimethylphenol	9.881	122	157452	51.500	ng	98
28) bis(2-Chloroethoxy)met...	10.122	93	263971	43.014	ng	99
29) 2,4-Dichlorophenol	10.352	162	222117	48.060	ng	99
30) 1,2,4-Trichlorobenzene	10.563	180	249646	44.055	ng	99
31) Naphthalene	10.746	128	621736	42.006	ng	99
32) Benzoic acid	9.993	122	47770m	16.037	ng	
33) 4-Chloroaniline	10.881	127	23871	4.361	ng	98
34) Hexachlorobutadiene	11.016	225	181282	43.170	ng	99
35) Caprolactam	11.681	113	58193	44.478	ng	95
36) 4-Chloro-3-methylphenol	11.999	107	240178	47.660	ng	98
37) 2-Methylnaphthalene	12.357	142	452710	44.196	ng	99
38) 1-Methylnaphthalene	12.575	142	429068	42.625	ng	99
40) 1,2,4,5-Tetrachloroben...	12.722	216	322559	45.320	ng	99
41) Hexachlorocyclopentadiene	12.687	237	297930	92.661	ng	99
43) 2,4,6-Trichlorophenol	12.969	196	207505	48.148	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	223861	47.304	ng	98
46) 1,1'-Biphenyl	13.369	154	621608	42.202	ng	99
47) 2-Chloronaphthalene	13.416	162	501386	41.467	ng	98
48) 2-Nitroaniline	13.628	65	152870	45.215	ng	97
49) Acenaphthylene	14.257	152	801340	47.239	ng	100
50) Dimethylphthalate	14.004	163	663457	46.961	ng	99
51) 2,6-Dinitrotoluene	14.128	165	144906	46.684	ng	96
52) Acenaphthene	14.598	154	452483	42.978	ng	100
53) 3-Nitroaniline	14.457	138	78665	27.577	ng	99
54) 2,4-Dinitrophenol	14.675	184	22886	14.201	ng	96
55) Dibenzofuran	14.934	168	779092	45.434	ng	99
56) 4-Nitrophenol	14.769	139	198738	85.002	ng	99
57) 2,4-Dinitrotoluene	14.916	165	202492	49.782	ng	99
58) Fluorene	15.587	166	628182	45.995	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.163	232	222884	55.993	ng	95
60) Diethylphthalate	15.369	149	652575	46.439	ng	98
61) 4-Chlorophenyl-phenyle...	15.587	204	360321	46.939	ng	94
62) 4-Nitroaniline	15.622	138	131088	43.842	ng	95
63) Azobenzene	15.881	77	593679	43.689	ng	97
65) 4,6-Dinitro-2-methylph...	15.681	198	32829	14.246	ng	93
66) n-Nitrosodiphenylamine	15.804	169	548196	45.291	ng	99
67) 4-Bromophenyl-phenylether	16.481	248	243007	48.098	ng	97
68) Hexachlorobenzene	16.587	284	282662	47.909	ng	93
69) Atrazine	16.769	200	225741	56.204	ng	97
70) Pentachlorophenol	16.939	266	255490	69.537	ng	99
71) Phenanthrene	17.334	178	1016325	47.785	ng	100
72) Anthracene	17.428	178	1025583	48.338	ng	99
73) Carbazole	17.704	167	918552	47.656	ng	99
74) Di-n-butylphthalate	18.257	149	1085241	46.566	ng	99
75) Fluoranthene	19.304	202	1327594	51.096	ng	99
77) Benzidine	19.492	184	269958	29.128	ng	99
78) Pyrene	19.657	202	1405245	44.916	ng	99
80) Butylbenzylphthalate	20.539	149	498210	42.642	ng	99
81) Benzo(a)anthracene	21.369	228	1510346	48.401	ng	99
82) 3,3'-Dichlorobenzidine	21.304	252	377095	33.163	ng	98
83) Chrysene	21.422	228	1391510	46.969	ng	99
84) Bis(2-ethylhexyl)phtha...	21.304	149	710276	39.923	ng	98
85) Di-n-octyl phthalate	22.245	149	1269420	40.553	ng	99
87) Indeno(1,2,3-cd)pyrene	26.345	276	1829935	46.546	ng	97
88) Benzo(b)fluoranthene	23.069	252	1550940	47.913	ng	98
89) Benzo(k)fluoranthene	23.116	252	1439596	46.558	ng	98
90) Benzo(a)pyrene	23.698	252	1382504	48.001	ng	99
91) Dibenzo(a,h)anthracene	26.362	278	1507226	46.614	ng	97
92) Benzo(g,h,i)perylene	27.109	276	1419144	43.262	ng	98

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

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