Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
Data File : BP021585.D
Acq On : 20 Aug 2024 23:53
Operator : RC/JU
Sample : P3518-15MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 21 00:29:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	379400	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	1550347	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	947148	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	1951759	20.000	ng	0.02
76) Chrysene-d12	21.733	240	1801849	20.000	ng	0.04
86) Perylene-d12	25.174	264	2214533	20.000	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	2460194	96.285	ng	0.01
7) Phenol-d6	6.975	99	3492401	93.697	ng	0.01
23) Nitrobenzene-d5	8.957	82	1995156	66.424	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	1043733	99.013	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2964880	47.774	ng	0.00
79) Terphenyl-d14	19.986	244	4083823	44.031	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	441242	36.420	ng	98
3) Pyridine	3.711	79	1263249	37.351	ng	94
4) n-Nitrosodimethylamine	3.617	42	503701	49.549	ng	90
6) Aniline	7.128	93	1452097	38.969	ng	98
8) 2-Chlorophenol	7.375	128	1487552	62.999	ng	94
9) Benzaldehyde	6.946	77	84404m	3.537	ng	
10) Phenol	6.999	94	2188619	56.704	ng	97
11) bis(2-Chloroethyl)ether	7.228	93	1646796	50.423	ng	95
12) 1,3-Dichlorobenzene	7.699	146	1483493	52.892	ng	96
13) 1,4-Dichlorobenzene	7.840	146	1500599	52.984	ng	98
14) 1,2-Dichlorobenzene	8.157	146	1451926	53.198	ng	99
15) Benzyl Alcohol	8.040	79	1458786	54.547	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1540838	51.231	ng	96
17) 2-Methylphenol	8.246	107	1401902	57.453	ng	97
18) Hexachloroethane	8.887	117	616471	54.281	ng	96
19) n-Nitroso-di-n-propyla...	8.610	70	1137139	44.165	ng	96
20) 3+4-Methylphenols	8.569	107	1931840	58.715	ng	98
22) Acetophenone	8.622	105	2232744	46.878	ng	99
24) Nitrobenzene	8.999	77	1733835	53.148	ng	92
25) Isophorone	9.528	82	3348668	47.191	ng	98
26) 2-Nitrophenol	9.704	139	729398	70.768	ng	92
27) 2,4-Dimethylphenol	9.769	122	1079656	61.652	ng	96
28) bis(2-Chloroethoxy)met...	10.004	93	2158607	49.835	ng	99
29) 2,4-Dichlorophenol	10.246	162	1345017	65.005	ng	97
30) 1,2,4-Trichlorobenzene	10.457	180	1414351	53.317	ng	98
31) Naphthalene	10.651	128	4281450	52.864	ng	99
32) Benzoic acid	9.916	122	993215	71.836	ng	92
33) 4-Chloroaniline	10.746	127	906508	29.797	ng	96
34) Hexachlorobutadiene	10.940	225	850401	50.915	ng	100
35) Caprolactam	11.534	113	463210	53.785	ng	89
36) 4-Chloro-3-methylphenol	11.881	107	1683373	58.650	ng	97
37) 2-Methylnaphthalene	12.263	142	2902238	52.505	ng	100
38) 1-Methylnaphthalene	12.481	142	2700844	49.542	ng	100
40) 1,2,4,5-Tetrachloroben...	12.634	216	1448826	52.207	ng	99
41) Hexachlorocyclopentadiene	12.622	237	1112654	126.502	ng	99
43) 2,4,6-Trichlorophenol	12.875	196	1060187	68.774	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	1133270	66.167	ng		97
46) 1,1'-Biphenyl	13.275	154	3459692	51.628	ng		98
47) 2-Chloronaphthalene	13.316	162	2876124	55.129	ng		98
48) 2-Nitroaniline	13.522	65	968504	64.280	ng	#	85
49) Acenaphthylene	14.181	152	4611218	60.125	ng		100
50) Dimethylphthalate	13.916	163	3567221	56.239	ng		100
51) 2,6-Dinitrotoluene	14.022	165	773362	59.402	ng		89
52) Acenaphthene	14.528	154	3074267m	61.092	ng		
53) 3-Nitroaniline	14.351	138	672432	53.001	ng	#	91
54) 2,4-Dinitrophenol	14.569	184	679486	120.160	ng		92
55) Dibenzofuran	14.869	168	4319869	55.804	ng		99
56) 4-Nitrophenol	14.675	139	1382934	128.194	ng	#	86
57) 2,4-Dinitrotoluene	14.822	165	1075739	64.201	ng		89
58) Fluorene	15.534	166	3348830	52.659	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	995586	68.484	ng		99
60) Diethylphthalate	15.310	149	3511691	53.958	ng		99
61) 4-Chlorophenyl-phenyle...	15.528	204	1693952	51.531	ng		99
62) 4-Nitroaniline	15.539	138	772259	59.004	ng		91
63) Azobenzene	15.822	77	3911388	48.892	ng		96
65) 4,6-Dinitro-2-methylph...	15.604	198	500985	71.782	ng		97
66) n-Nitrosodiphenylamine	15.739	169	2944323	56.292	ng		100
67) 4-Bromophenyl-phenylether	16.439	248	1141341	55.253	ng		98
68) Hexachlorobenzene	16.563	284	1317493	53.971	ng		99
69) Atrazine	16.716	200	980706	54.612	ng		99
70) Pentachlorophenol	16.916	266	1688325	126.716	ng		100
71) Phenanthrene	17.316	178	5370873	57.219	ng		100
72) Anthracene	17.404	178	5289493	57.460	ng		100
73) Carbazole	17.675	167	5089438	57.368	ng		99
74) Di-n-butylphthalate	18.292	149	6125525	56.222	ng		99
75) Fluoranthene	19.398	202	6686095	58.054	ng		99
77) Benzidine	19.580	184	1898756	45.795	ng		100
78) Pyrene	19.769	202	6912882	58.697	ng		100
80) Butylbenzylphthalate	20.716	149	2913825	63.899	ng		94
81) Benzo(a)anthracene	21.710	228	6806487	60.174	ng		99
82) 3,3'-Dichlorobenzidine	21.621	252	1999695	55.138	ng		100
83) Chrysene	21.774	228	6331969	59.291	ng		99
84) Bis(2-ethylhexyl)phtha...	21.657	149	4366002	65.307	ng		99
85) Di-n-octyl phthalate	22.986	149	7657277	63.470	ng		97
87) Indeno(1,2,3-cd)pyrene	29.103	276	8794137m	61.262	ng		
88) Benzo(b)fluoranthene	24.080	252	7166501	56.347	ng		99
89) Benzo(k)fluoranthene	24.163	252	7119383m	57.382	ng		
90) Benzo(a)pyrene	25.010	252	6729214	60.968	ng		99
91) Dibenzo(a,h)anthracene	29.198	278	7033040	58.966	ng		100
92) Benzo(g,h,i)perylene	30.309	276	6813079	56.991	ng		99

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

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