Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
Data File : BP021558.D
Acq On : 19 Aug 2024 18:10
Operator : RC/JU
Sample : P3518-15MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

Quant Time: Aug 19 18:42:50 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	7.804	152	341396	20.000	ng		0.00
21) Naphthalene-d8	10.598	136	1418891	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	927420	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	1948663	20.000	ng		0.00
76) Chrysene-d12	21.704	240	1729550	20.000	ng		0.00
86) Perylene-d12	25.133	264	2112740	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	2229483	96.969	ng		0.00
7) Phenol-d6	6.969	99	3231905	96.361	ng		0.00
23) Nitrobenzene-d5	8.951	82	1848624	67.247	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	1055737	102.282	ng		-0.01
45) 2-Fluorobiphenyl	13.057	172	2822547	46.448	ng		0.00
79) Terphenyl-d14	19.963	244	4013517	45.082	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	423441	38.842	ng		99
3) Pyridine	3.711	79	1256823	41.297	ng		97
4) n-Nitrosodimethylamine	3.616	42	453221	49.546	ng		93
6) Aniline	7.128	93	1373319	40.958	ng		98
8) 2-Chlorophenol	7.375	128	1343784	63.245	ng		94
9) Benzaldehyde	6.946	77	75143m	3.499	ng		
10) Phenol	6.999	94	2008298	57.824	ng		96
11) bis(2-Chloroethyl)ether	7.228	93	1526489	51.942	ng		94
12) 1,3-Dichlorobenzene	7.699	146	1335943	52.934	ng		96
13) 1,4-Dichlorobenzene	7.840	146	1365782	53.592	ng		98
14) 1,2-Dichlorobenzene	8.157	146	1313298	53.475	ng		99
15) Benzyl Alcohol	8.040	79	1359091	56.476	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1401981	51.803	ng		97
17) 2-Methylphenol	8.240	107	1295979	59.024	ng		98
18) Hexachloroethane	8.887	117	553001	54.113	ng		98
19) n-Nitroso-di-n-propyla...	8.610	70	1062385	45.855	ng		96
20) 3+4-Methylphenols	8.563	107	1785354	60.304	ng		98
22) Acetophenone	8.622	105	2054237	47.126	ng	#	98
24) Nitrobenzene	8.993	77	1619309	54.236	ng		93
25) Isophorone	9.522	82	3159768	48.654	ng		98
26) 2-Nitrophenol	9.704	139	658225	70.168	ng		94
27) 2,4-Dimethylphenol	9.763	122	1017210	63.468	ng		97
28) bis(2-Chloroethoxy)met...	9.998	93	2004819	50.573	ng		100
29) 2,4-Dichlorophenol	10.240	162	1256195	66.337	ng		98
30) 1,2,4-Trichlorobenzene	10.457	180	1299402	53.522	ng		98
31) Naphthalene	10.645	128	3953536	53.337	ng		100
32) Benzoic acid	9.904	122	937018	73.293	ng		93
33) 4-Chloroaniline	10.745	127	908377	32.625	ng		96
34) Hexachlorobutadiene	10.940	225	778243	50.911	ng		99
35) Caprolactam	11.528	113	453497	57.535	ng		92
36) 4-Chloro-3-methylphenol	11.875	107	1622780	61.777	ng		95
37) 2-Methylnaphthalene	12.257	142	2729740	53.959	ng		99
38) 1-Methylnaphthalene	12.475	142	2551226	51.133	ng		100
40) 1,2,4,5-Tetrachloroben...	12.628	216	1370642	50.440	ng		100
41) Hexachlorocyclopentadiene	12.610	237	1032666	119.906	ng		98
43) 2,4,6-Trichlorophenol	12.869	196	1029467	68.201	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	1101921	65.705	ng		96
46) 1,1'-Biphenyl	13.275	154	3248756	49.512	ng		98
47) 2-Chloronaphthalene	13.310	162	2758596	54.001	ng		98
48) 2-Nitroaniline	13.510	65	937369	63.597	ng	#	86
49) Acenaphthylene	14.169	152	4520215	60.192	ng		100
50) Dimethylphthalate	13.898	163	3429273	55.215	ng		100
51) 2,6-Dinitrotoluene	14.010	165	755825	59.297	ng		93
52) Acenaphthene	14.510	154	2914459m	59.149	ng		
53) 3-Nitroaniline	14.339	138	670760	53.919	ng	#	91
54) 2,4-Dinitrophenol	14.551	184	602669	113.047	ng	#	88
55) Dibenzofuran	14.857	168	4207878	55.514	ng		99
56) 4-Nitrophenol	14.657	139	1398040	132.186	ng		87
57) 2,4-Dinitrotoluene	14.810	165	1065253	64.871	ng		87
58) Fluorene	15.510	166	3268239	52.485	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	987704	69.387	ng		99
60) Diethylphthalate	15.286	149	3470169	54.455	ng		99
61) 4-Chlorophenyl-phenyle...	15.510	204	1663970	51.695	ng		98
62) 4-Nitroaniline	15.522	138	774219	60.342	ng		91
63) Azobenzene	15.804	77	3848772	49.133	ng		96
65) 4,6-Dinitro-2-methylph...	15.586	198	442112	66.054	ng		97
66) n-Nitrosodiphenylamine	15.722	169	2919075	55.898	ng		100
67) 4-Bromophenyl-phenylether	16.422	248	1132487	54.912	ng		99
68) Hexachlorobenzene	16.539	284	1304837	53.537	ng		99
69) Atrazine	16.698	200	999137	55.727	ng		99
70) Pentachlorophenol	16.892	266	1698108	127.653	ng		100
71) Phenanthrene	17.292	178	5406771	57.693	ng		99
72) Anthracene	17.386	178	5375410	58.486	ng		100
73) Carbazole	17.663	167	5034035	56.834	ng		99
74) Di-n-butylphthalate	18.257	149	6194834	56.948	ng		99
75) Fluoranthene	19.374	202	6593442	57.341	ng		99
77) Benzidine	19.563	184	2292245	60.346	ng		100
78) Pyrene	19.751	202	6744339	59.660	ng		100
80) Butylbenzylphthalate	20.698	149	2768683	63.290	ng		96
81) Benzo(a)anthracene	21.680	228	6449455	59.401	ng		100
82) 3,3'-Dichlorobenzidine	21.598	252	1997939	57.393	ng		100
83) Chrysene	21.745	228	6078651	59.298	ng		100
84) Bis(2-ethylhexyl)phtha...	21.633	149	4003843	62.393	ng		100
85) Di-n-octyl phthalate	22.951	149	6994994	60.638	ng		97
87) Indeno(1,2,3-cd)pyrene	29.033	276	8446103m	61.673	ng		
88) Benzo(b)fluoranthene	24.051	252	6805486	56.086	ng		99
89) Benzo(k)fluoranthene	24.115	252	6732514	56.878	ng		99
90) Benzo(a)pyrene	24.974	252	6449393	61.249	ng		99
91) Dibenzo(a,h)anthracene	29.139	278	6733467	59.174	ng		100
92) Benzo(g,h,i)perylene	30.274	276	6552048	57.449	ng		99

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

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