Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
Data File : BP019792.D
Acq On : 20 Feb 2024 18:44
Operator : MA/JU
Sample : P1523-10MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

Manual Integrations APPROVED

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

Quant Time: Feb 20 23:54:26 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	72002	20.000	ng		0.00
21) Naphthalene-d8	10.699	136	248127	20.000	ng		0.00
39) Acenaphthene-d10	14.534	164	153687	20.000	ng		0.00
64) Phenanthrene-d10	17.292	188	320464	20.000	ng		0.00
76) Chrysene-d12	21.380	240	368987	20.000	ng		-0.01
86) Perylene-d12	23.798	264	469111	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.470	112	182245	40.800	ng		0.00
7) Phenol-d6	7.069	99	395055	65.592	ng		0.00
23) Nitrobenzene-d5	9.069	82	443468	77.445	ng		0.00
42) 2,4,6-Tribromophenol	16.028	330	60982	27.176	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	909880	73.189	ng		0.00
79) Terphenyl-d14	19.857	244	1398213	62.317	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	68017	39.522	ng	#	83
3) Pyridine	3.781	79	184215	39.482	ng		99
4) n-Nitrosodimethylamine	3.699	42	93630	46.092	ng	#	98
6) Aniline	7.228	93	182353	31.159	ng		99
8) 2-Chlorophenol	7.458	128	209195	45.616	ng		97
9) Benzaldehyde	7.046	77	40171m	9.513	ng		
10) Phenol	7.099	94	258323	43.033	ng		99
11) bis(2-Chloroethyl)ether	7.334	93	203434	43.560	ng		100
12) 1,3-Dichlorobenzene	7.781	146	250744	44.684	ng		98
13) 1,4-Dichlorobenzene	7.934	146	256112	45.049	ng		99
14) 1,2-Dichlorobenzene	8.246	146	239097	43.467	ng		98
15) Benzyl Alcohol	8.146	79	209958m	43.629	ng		
16) 2,2'-oxybis(1-Chloropr...	8.422	45	196189	42.009	ng		99
17) 2-Methylphenol	8.352	107	172844	42.768	ng		99
18) Hexachloroethane	8.963	117	96751	43.905	ng		99
19) n-Nitroso-di-n-propyla...	8.716	70	165695	40.276	ng		99
20) 3+4-Methylphenols	8.681	107	224506	40.704	ng		96
22) Acetophenone	8.734	105	326497	46.189	ng	#	96
24) Nitrobenzene	9.110	77	251136	43.559	ng		99
25) Isophorone	9.634	82	431046	43.223	ng		99
26) 2-Nitrophenol	9.816	139	112483	51.167	ng		97
27) 2,4-Dimethylphenol	9.881	122	145241	51.669	ng		99
28) bis(2-Chloroethoxy)met...	10.122	93	248574	44.055	ng		99
29) 2,4-Dichlorophenol	10.352	162	199105	46.856	ng		96
30) 1,2,4-Trichlorobenzene	10.557	180	246859	47.381	ng		97
31) Naphthalene	10.746	128	617720	45.392	ng		99
32) Benzoic acid	10.034	122	137886	50.346	ng		96
33) 4-Chloroaniline	10.869	127	103111	20.488	ng		99
34) Hexachlorobutadiene	11.016	225	187584	48.586	ng		98
35) Caprolactam	11.675	113	54651	45.431	ng		98
36) 4-Chloro-3-methylphenol	11.993	107	203791	43.984	ng		99
37) 2-Methylnaphthalene	12.357	142	417660	44.348	ng		99
38) 1-Methylnaphthalene	12.575	142	398017	43.006	ng		99
40) 1,2,4,5-Tetrachloroben...	12.722	216	293315	49.487	ng		99
41) Hexachlorocyclopentadiene	12.687	237	160564	59.966	ng		99
43) 2,4,6-Trichlorophenol	12.969	196	174545	48.633	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	186534	47.331	ng		98
46) 1,1'-Biphenyl	13.369	154	552537	45.045	ng		100
47) 2-Chloronaphthalene	13.410	162	444066	44.101	ng		98
48) 2-Nitroaniline	13.628	65	133968	47.581	ng		97
49) Acenaphthylene	14.257	152	685959	48.558	ng		99
50) Dimethylphthalate	14.004	163	540629	45.952	ng		99
51) 2,6-Dinitrotoluene	14.128	165	117381	45.410	ng		95
52) Acenaphthene	14.598	154	390921	44.586	ng		99
53) 3-Nitroaniline	14.457	138	84534	35.585	ng		93
54) 2,4-Dinitrophenol	14.669	184	79484	59.223	ng		98
55) Dibenzofuran	14.934	168	648563	45.417	ng		98
56) 4-Nitrophenol	14.769	139	176669	90.736	ng		98
57) 2,4-Dinitrotoluene	14.916	165	161763	47.755	ng		97
58) Fluorene	15.587	166	523263	46.006	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.163	232	168434	50.811	ng	#	95
60) Diethylphthalate	15.369	149	519475	44.391	ng		99
61) 4-Chlorophenyl-phenyle...	15.581	204	295234	46.183	ng		95
62) 4-Nitroaniline	15.622	138	106541	42.788	ng		95
63) Azobenzene	15.875	77	484607	42.824	ng		98
65) 4,6-Dinitro-2-methylph...	15.675	198	70986	38.847	ng		96
66) n-Nitrosodiphenylamine	15.798	169	441528	46.004	ng		100
67) 4-Bromophenyl-phenylether	16.481	248	193508	48.302	ng		96
68) Hexachlorobenzene	16.581	284	220611	47.156	ng		95
69) Atrazine	16.763	200	166120	52.160	ng		96
70) Pentachlorophenol	16.934	266	277846	95.368	ng		99
71) Phenanthrene	17.334	178	797706	47.300	ng		99
72) Anthracene	17.422	178	806592	47.944	ng		100
73) Carbazole	17.698	167	711754	46.570	ng		99
74) Di-n-butylphthalate	18.257	149	832432	45.046	ng		99
75) Fluoranthene	19.304	202	1037016	50.335	ng		98
77) Benzidine	19.492	184	395043	51.209	ng		99
78) Pyrene	19.651	202	1095547	42.069	ng		100
80) Butylbenzylphthalate	20.539	149	380457	39.121	ng		97
81) Benzo(a)anthracene	21.369	228	1259616	48.495	ng		100
82) 3,3'-Dichlorobenzidine	21.304	252	430194	45.452	ng		97
83) Chrysene	21.422	228	1182436	47.950	ng		99
84) Bis(2-ethylhexyl)phtha...	21.304	149	534222	36.074	ng		98
85) Di-n-octyl phthalate	22.239	149	973300	37.355	ng		100
87) Indeno(1,2,3-cd)pyrene	26.333	276	1698051	47.288	ng		97
88) Benzo(b)fluoranthene	23.063	252	1373552	46.457	ng		99
89) Benzo(k)fluoranthene	23.110	252	1307703	46.303	ng		98
90) Benzo(a)pyrene	23.692	252	1268141	48.206	ng		99
91) Dibenzo(a,h)anthracene	26.357	278	1384247	46.871	ng		98
92) Benzo(g,h,i)perylene	27.110	276	1330278	44.399	ng		98

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

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