Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019720.D
Acq On : 15 Feb 2024 13:31
Operator : MA/JU
Sample : P1414-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 15 14:00:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	72739	20.000	ng		-0.01
21) Naphthalene-d8	10.704	136	260743	20.000	ng		-0.01
39) Acenaphthene-d10	14.539	164	164798	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	375964	20.000	ng		0.00
76) Chrysene-d12	21.392	240	392094	20.000	ng	#	0.00
86) Perylene-d12	23.810	264	480727	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	521509	115.568	ng		0.00
7) Phenol-d6	7.081	99	680816	111.892	ng		0.00
23) Nitrobenzene-d5	9.075	82	458064	76.123	ng		-0.01
42) 2,4,6-Tribromophenol	16.039	330	366473	152.306	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	1038608	77.911	ng		-0.01
79) Terphenyl-d14	19.863	244	1771544	74.303	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	53442	30.739	ng		97
3) Pyridine	3.781	79	147024	31.192	ng		96
4) n-Nitrosodimethylamine	3.699	42	84042	40.953	ng		97
6) Aniline	7.234	93	247671	41.891	ng		99
8) 2-Chlorophenol	7.469	128	201376	43.466	ng		97
9) Benzaldehyde	7.052	77	54214m	12.709	ng		
10) Phenol	7.105	94	255239	42.088	ng		97
11) bis(2-Chloroethyl)ether	7.340	93	187418	39.724	ng		99
12) 1,3-Dichlorobenzene	7.787	146	224513	39.604	ng		96
13) 1,4-Dichlorobenzene	7.940	146	234380	40.809	ng		98
14) 1,2-Dichlorobenzene	8.252	146	223093	40.146	ng		99
15) Benzyl Alcohol	8.152	79	206389	42.453	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.428	45	181463	38.462	ng		99
17) 2-Methylphenol	8.352	107	166512	40.784	ng		96
18) Hexachloroethane	8.969	117	85827	38.553	ng		97
19) n-Nitroso-di-n-propyla...	8.722	70	158781	38.205	ng		98
20) 3+4-Methylphenols	8.687	107	227644	40.855	ng		96
22) Acetophenone	8.740	105	318210	42.838	ng	#	97
24) Nitrobenzene	9.116	77	242957	40.101	ng		99
25) Isophorone	9.646	82	426729	40.720	ng		99
26) 2-Nitrophenol	9.822	139	112019	48.491	ng		97
27) 2,4-Dimethylphenol	9.887	122	147078	49.791	ng		98
28) bis(2-Chloroethoxy)met...	10.128	93	238667	40.252	ng		99
29) 2,4-Dichlorophenol	10.357	162	202407	45.329	ng		97
30) 1,2,4-Trichlorobenzene	10.569	180	236175	43.137	ng		98
31) Naphthalene	10.757	128	599680	41.934	ng		99
32) Benzoic acid	10.040	122	143528	49.870	ng		98
33) 4-Chloroaniline	10.875	127	178555	33.762	ng		98
34) Hexachlorobutadiene	11.022	225	171440	42.256	ng		99
35) Caprolactam	11.687	113	61499	48.650	ng		97
36) 4-Chloro-3-methylphenol	11.998	107	219703	45.124	ng		97
37) 2-Methylnaphthalene	12.363	142	420526	42.492	ng		99
38) 1-Methylnaphthalene	12.587	142	397205	40.841	ng		99
40) 1,2,4,5-Tetrachloroben...	12.728	216	290419	45.694	ng		99
41) Hexachlorocyclopentadiene	12.698	237	309497	107.795	ng		100
43) 2,4,6-Trichlorophenol	12.975	196	183500	47.681	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	200157	47.364	ng	97
46) 1,1'-Biphenyl	13.381	154	569194	43.275	ng	98
47) 2-Chloronaphthalene	13.416	162	453778	42.027	ng	99
48) 2-Nitroaniline	13.634	65	139011	46.044	ng	98
49) Acenaphthylene	14.263	152	723135	47.738	ng	100
50) Dimethylphthalate	14.010	163	569912	45.175	ng	98
51) 2,6-Dinitrotoluene	14.134	165	127892	46.141	ng	93
52) Acenaphthene	14.604	154	405796	43.162	ng	98
53) 3-Nitroaniline	14.463	138	109879	43.136	ng	98
54) 2,4-Dinitrophenol	14.675	184	165530	115.020	ng	97
55) Dibenzofuran	14.939	168	695198	45.401	ng	99
56) 4-Nitrophenol	14.775	139	211723	101.408	ng	96
57) 2,4-Dinitrotoluene	14.922	165	179959	49.545	ng	99
58) Fluorene	15.592	166	557053	45.675	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	188276	52.967	ng	95
60) Diethylphthalate	15.375	149	560798	44.691	ng	98
61) 4-Chlorophenyl-phenyle...	15.592	204	314387	45.864	ng	94
62) 4-Nitroaniline	15.628	138	127460	47.738	ng	98
63) Azobenzene	15.886	77	522578	43.066	ng	95
65) 4,6-Dinitro-2-methylph...	15.681	198	111558	52.038	ng	96
66) n-Nitrosodiphenylamine	15.810	169	482608	42.861	ng	98
67) 4-Bromophenyl-phenylether	16.486	248	208518	44.365	ng	97
68) Hexachlorobenzene	16.586	284	243193	44.309	ng	97
69) Atrazine	16.775	200	197482	52.854	ng	97
70) Pentachlorophenol	16.945	266	342572	100.227	ng	98
71) Phenanthrene	17.339	178	896191	45.295	ng	99
72) Anthracene	17.433	178	907265	45.967	ng	100
73) Carbazole	17.710	167	807423	45.031	ng	99
74) Di-n-butylphthalate	18.263	149	916736	42.285	ng	100
75) Fluoranthene	19.310	202	1122942	46.460	ng	99
77) Benzidine	19.498	184	551840	67.319	ng	99
78) Pyrene	19.663	202	1164794	42.092	ng	99
80) Butylbenzylphthalate	20.545	149	421402	40.778	ng	97
81) Benzo(a)anthracene	21.374	228	1228251	44.501	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	454616	45.201	ng	99
83) Chrysene	21.427	228	1135008	43.314	ng	99
84) Bis(2-ethylhexyl)phtha...	21.310	149	583691	37.092	ng	99
85) Di-n-octyl phthalate	22.257	149	1027882	37.125	ng	99
87) Indeno(1,2,3-cd)pyrene	26.351	276	1635824	44.454	ng	97
88) Benzo(b)fluoranthene	23.074	252	1305911	43.102	ng	98
89) Benzo(k)fluoranthene	23.127	252	1268095	43.816	ng	99
90) Benzo(a)pyrene	23.704	252	1219741	45.246	ng	99
91) Dibenzo(a,h)anthracene	26.380	278	1353496	44.722	ng	98
92) Benzo(g,h,i)perylene	27.133	276	1281638	41.742	ng	98

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

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