Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062624\
Data File : BF138360.D
Acq On : 26 Jun 2024 19:31
Operator : CG\JU
Sample : P3049-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHOR-RAG-DRUMMS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 27 01:13:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	203347	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	339415	20.000	ng	#-0.01
39) Acenaphthene-d10	9.957	164	386904	20.000	ng	0.03
64) Phenanthrene-d10	11.410	188	559468	20.000	ng	0.00
76) Chrysene-d12	14.039	240	389919	20.000	ng	-0.01
86) Perylene-d12	15.510	264	459629	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1541958	126.849	ng	0.02
7) Phenol-d6	6.522	99	1748813	113.455	ng	0.00
23) Nitrobenzene-d5	7.445	82	1034957	177.516	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	437726	113.644	ng	0.01
45) 2-Fluorobiphenyl	9.263	172	2056227	84.509	ng	0.01
79) Terphenyl-d14	12.986	244	1577474	64.076	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	1288148	231.559	ng	# 58
3) Pyridine	3.675	79	495298	37.462	ng	95
6) Aniline	6.551	93	270831	17.957	ng	# 62
8) 2-Chlorophenol	6.675	128	604334	45.985	ng	100
9) Benzaldehyde	6.434	77	97462m	11.905	ng	
10) Phenol	6.534	94	643814	41.158	ng	92
11) bis(2-Chloroethyl)ether	6.616	93	597649	47.737	ng	98
12) 1,3-Dichlorobenzene	6.822	146	605236	40.523	ng	99
13) 1,4-Dichlorobenzene	6.898	146	608829	40.506	ng	100
14) 1,2-Dichlorobenzene	7.051	146	571993	40.538	ng	99
15) Benzyl Alcohol	7.034	79	468468	45.075	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	645454	36.530	ng	71
17) 2-Methylphenol	7.145	107	450758	43.473	ng	# 79
18) Hexachloroethane	7.392	117	215777	42.375	ng	95
19) n-Nitroso-di-n-propyla...	7.298	70	382580	41.872	ng	99
20) 3+4-Methylphenols	7.322	107	620084	47.513	ng	# 68
22) Acetophenone	7.292	105	730207	94.176	ng	98
24) Nitrobenzene	7.469	77	598456	99.316	ng	90
25) Isophorone	7.710	82	927891	87.988	ng	100
26) 2-Nitrophenol	7.781	139	264841	109.301	ng	96
27) 2,4-Dimethylphenol	7.845	122	302294	82.003	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	401064	60.754	ng	99
29) 2,4-Dichlorophenol	8.051	162	278167	58.610	ng	# 83
30) 1,2,4-Trichlorobenzene	8.104	180	297245	53.107	ng	99
31) Naphthalene	8.187	128	708912	42.239	ng	98
33) 4-Chloroaniline	8.187	127	98159	15.648	ng	# 37
34) Hexachlorobutadiene	8.298	225	141520	43.233	ng	98
36) 4-Chloro-3-methylphenol	8.881	107	490791	103.861	ng	# 1
37) 2-Methylnaphthalene	8.898	142	1336947	121.378	ng	95
38) 1-Methylnaphthalene	8.998	142	1017140	94.233	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	466145	41.230	ng	99
41) Hexachlorocyclopentadiene	9.045	237	408593	110.833	ng	98
43) 2,4,6-Trichlorophenol	9.239	196	381128m	53.837	ng	
44) 2,4,5-Trichlorophenol	9.322	196	285274	36.695	ng	99
46) 1,1'-Biphenyl	9.363	154	1250711	44.054	ng	97
47) 2-Chloronaphthalene	9.392	162	1018382	45.388	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48)	2-Nitroaniline	9.539	65	246834	45.681	ng		94
49)	Acenaphthylene	9.822	152	1527260	48.542	ng		98
50)	Dimethylphthalate	9.692	163	1085702	45.799	ng		99
51)	2,6-Dinitrotoluene	9.751	165	240493	46.763	ng		91
52)	Acenaphthene	9.986	154	1027668	47.901	ng		99
53)	3-Nitroaniline	9.910	138	92938	16.916	ng		96
54)	2,4-Dinitrophenol	10.010	184	209682	80.181	ng		93
55)	Dibenzofuran	10.163	168	1029618	34.330	ng		98
56)	4-Nitrophenol	10.157	139	650856	149.911	ng	#	29
57)	2,4-Dinitrotoluene	10.133	165	255673	40.307	ng	#	82
58)	Fluorene	10.492	166	969842	41.128	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.275	232	263847	43.426	ng		99
60)	Diethylphthalate	10.363	149	843688	37.499	ng		98
61)	4-Chlorophenyl-phenyle...	10.481	204	506289	43.110	ng		97
62)	4-Nitroaniline	10.522	138	162533	29.609	ng		98
63)	Azobenzene	10.633	77	894783	39.696	ng		97
65)	4,6-Dinitro-2-methylph...	10.533	198	149197	51.708	ng		93
66)	n-Nitrosodiphenylamine	10.592	169	807116	47.122	ng		99
67)	4-Bromophenyl-phenylether	10.957	248	286478	45.442	ng	#	94
68)	Hexachlorobenzene	11.022	284	351099	47.723	ng		98
69)	Atrazine	11.116	200	65385	13.402	ng		99
70)	Pentachlorophenol	11.216	266	370996	86.465	ng		97
71)	Phenanthrene	11.433	178	1246146	45.040	ng		97
72)	Anthracene	11.486	178	1260735	45.895	ng		98
73)	Carbazole	11.639	167	1034920	41.076	ng		99
74)	Di-n-butylphthalate	11.963	149	1243788	47.685	ng		98
75)	Fluoranthene	12.616	202	1183944	41.964	ng		97
78)	Pyrene	12.845	202	1214890	36.122	ng		98
80)	Butylbenzylphthalate	13.463	149	510323	55.783	ng		97
81)	Benzo(a)anthracene	14.033	228	1164140	46.537	ng		99
82)	3,3'-Dichlorobenzidine	13.992	252	31470	4.568	ng	#	91
83)	Chrysene	14.069	228	1108451	46.488	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.016	149	730082	68.616	ng		98
85)	Di-n-octyl phthalate	14.633	149	1335680	84.499	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.992	276	1256304	41.928	ng		98
88)	Benzo(b)fluoranthene	15.080	252	1299041	47.926	ng		99
89)	Benzo(k)fluoranthene	15.116	252	1168779	43.999	ng		99
90)	Benzo(a)pyrene	15.451	252	1118286	48.025	ng		99
91)	Dibenzo(a,h)anthracene	17.009	278	1027481	41.777	ng		98
92)	Benzo(g,h,i)perylene	17.439	276	916994	36.041	ng		98

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

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