Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
Data File : BF133772.D
Acq On : 15 Jun 2023 13:32
Operator : CG\JU
Sample : 03167-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4-GAMSD

Quant Time: Jun 15 13:54:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 16:27:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	98527	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	372684	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	175386	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	330863	20.000	ng		0.00
76) Chrysene-d12	13.998	240	186711	20.000	ng		-0.01
86) Perylene-d12	15.457	264	231732	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	430025	75.982	ng		0.00
7) Phenol-d6	6.463	99	524198	71.157	ng		0.00
23) Nitrobenzene-d5	7.393	82	354157	51.759	ng		-0.01
42) 2,4,6-Tribromophenol	10.663	330	154678	69.672	ng		0.00
45) 2-Fluorobiphenyl	9.187	172	638765	51.772	ng		0.00
79) Terphenyl-d14	12.945	244	581613	48.200	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	90755	36.475	ng		98
3) Pyridine	3.340	79	215325	29.691	ng		97
4) n-Nitrosodimethylamine	3.299	42	158549	39.550	ng		100
6) Aniline	6.493	93	306623	33.046	ng		99
8) 2-Chlorophenol	6.610	128	247840	41.554	ng		99
9) Benzaldehyde	6.381	77	136436	27.915	ng		98
10) Phenol	6.475	94	302257	39.293	ng		98
11) bis(2-Chloroethyl)ether	6.569	93	228826	40.069	ng		100
12) 1,3-Dichlorobenzene	6.769	146	270827	42.499	ng		97
13) 1,4-Dichlorobenzene	6.845	146	270378	41.979	ng		98
14) 1,2-Dichlorobenzene	6.998	146	260210	44.711	ng		98
15) Benzyl Alcohol	6.975	79	226478	39.362	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	407746	42.120	ng		99
17) 2-Methylphenol	7.081	107	199824	37.799	ng		99
18) Hexachloroethane	7.340	117	102545	46.506	ng		92
19) n-Nitroso-di-n-propyla...	7.245	70	176548	37.667	ng		100
20) 3+4-Methylphenols	7.240	107	243688	35.435	ng	#	73
22) Acetophenone	7.240	105	339624	39.733	ng		93
24) Nitrobenzene	7.416	77	267333	38.801	ng		99
25) Isophorone	7.651	82	471250	37.514	ng		99
26) 2-Nitrophenol	7.728	139	133886	43.299	ng		94
27) 2,4-Dimethylphenol	7.769	122	206111	38.673	ng		99
28) bis(2-Chloroethoxy)met...	7.863	93	273763	37.707	ng		99
29) 2,4-Dichlorophenol	7.969	162	201757	38.626	ng		98
30) 1,2,4-Trichlorobenzene	8.057	180	216394	39.707	ng		96
31) Naphthalene	8.140	128	684719	37.711	ng		99
32) Benzoic acid	7.881	122	147322	43.829	ng		91
33) 4-Chloroaniline	8.181	127	177524	22.866	ng		99
34) Hexachlorobutadiene	8.251	225	136443	38.240	ng		99
35) Caprolactam	8.557	113	65026m	36.996	ng		
36) 4-Chloro-3-methylphenol	8.663	107	221621	36.809	ng		97
37) 2-Methylnaphthalene	8.828	142	455562	36.110	ng		98
38) 1-Methylnaphthalene	8.928	142	425779	36.677	ng		98
40) 1,2,4,5-Tetrachloroben...	8.992	216	218357	40.953	ng		99
41) Hexachlorocyclopentadiene	8.981	237	262769	110.590	ng		97
43) 2,4,6-Trichlorophenol	9.104	196	146052	40.992	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	152266	36.734	ng		97
46) 1,1'-Biphenyl	9.292	154	581142	41.084	ng		100
47) 2-Chloronaphthalene	9.316	162	415677	40.967	ng		99
48) 2-Nitroaniline	9.410	65	144782	39.016	ng		93
49) Acenaphthylene	9.734	152	690855	39.120	ng		100
50) Dimethylphthalate	9.592	163	486565	37.167	ng		100
51) 2,6-Dinitrotoluene	9.657	165	105685	39.112	ng	#	87
52) Acenaphthene	9.904	154	408630	39.531	ng		98
53) 3-Nitroaniline	9.822	138	94345	28.691	ng		84
54) 2,4-Dinitrophenol	9.934	184	119014	89.409	ng		90
55) Dibenzofuran	10.075	168	624572	39.597	ng		96
56) 4-Nitrophenol	9.986	139	172934	77.924	ng		81
57) 2,4-Dinitrotoluene	10.063	165	140162	40.785	ng		87
58) Fluorene	10.422	166	475151	39.391	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.192	232	128566	41.428	ng		98
60) Diethylphthalate	10.292	149	501014	37.603	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	226597	38.053	ng		98
62) 4-Nitroaniline	10.439	138	114067	35.379	ng		93
63) Azobenzene	10.569	77	507338	40.223	ng		98
65) 4,6-Dinitro-2-methylph...	10.469	198	75728	47.898	ng		99
66) n-Nitrosodiphenylamine	10.533	169	417404	37.557	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	139899	37.884	ng		92
68) Hexachlorobenzene	10.969	284	154726	39.843	ng	#	90
69) Atrazine	11.057	200	130684	40.527	ng		98
70) Pentachlorophenol	11.163	266	154967	66.642	ng		99
71) Phenanthrene	11.380	178	654885	39.013	ng		99
72) Anthracene	11.433	178	658881	37.644	ng		99
73) Carbazole	11.586	167	601615	36.905	ng		99
74) Di-n-butylphthalate	11.922	149	720253	34.464	ng		99
75) Fluoranthene	12.569	202	649546	36.438	ng		98
77) Benzidine	12.692	184	206189	32.910	ng		98
78) Pyrene	12.804	202	649534	37.345	ng		99
80) Butylbenzylphthalate	13.422	149	249109	33.926	ng		96
81) Benzo(a)anthracene	13.992	228	509451	39.447	ng		100
82) 3,3'-Dichlorobenzidine	13.951	252	151247	35.226	ng	#	98
83) Chrysene	14.027	228	473402	38.755	ng		99
84) Bis(2-ethylhexyl)phtha...	13.980	149	316685	35.028	ng		99
85) Di-n-octyl phthalate	14.592	149	522213	40.646	ng		99
87) Indeno(1,2,3-cd)pyrene	16.927	276	714544	44.820	ng		100
88) Benzo(b)fluoranthene	15.039	252	548198	38.944	ng		98
89) Benzo(k)fluoranthene	15.068	252	503894	36.747	ng		97
90) Benzo(a)pyrene	15.398	252	491020	37.585	ng		99
91) Dibenzo(a,h)anthracene	16.945	278	573601	43.459	ng		99
92) Benzo(g,h,i)perylene	17.368	276	591287	45.184	ng		99

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

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