Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041322\
Data File : BP009814.D
Acq On : 13 Apr 2022 12:57
Operator : CG/JU
Sample : PB144055BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS055

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022

Quant Time: Apr 14 01:05:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 13 02:15:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	134848	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	632474	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.593	164	455144	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	999600	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.427	240	1066597	20.000	ng/ul	# 0.00
88) Perylene-d12	23.892	264	1029837	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	15299m	5.063	ng/uL	0.00
4) Pyridine-d5	3.799	84	205641	24.685	ng/ul	0.00
7) Phenol-d5	7.116	99	294871	24.907	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	187805	26.646	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	232737	26.062	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	254324	25.734	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	121574	26.655	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	134064	26.811	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	254507	24.323	ng/ul	0.00
31) 4-Chloroaniline-d4	10.899	131	320007	21.472	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	873618	24.435	ng/ul	0.00
49) Acenaphthylene-d8	14.287	160	989511	23.362	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	159660	24.624	ng/ul	0.00
60) Fluorene-d10	15.587	176	737778	24.530	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	151856	25.644	ng/ul	0.00
73) Anthracene-d10	17.445	188	1187762	24.817	ng/ul	0.00
81) Pyrene-d10	19.675	212	1452068	24.927	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	1381036	25.751	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	28945	9.397	ng/uL#	16
5) Pyridine	3.817	79	212102	24.402	ng/ul#	40
6) Benzaldehyde	7.093	77	198422m	27.329	ng/ul	
8) Phenol	7.146	94	307154	25.920	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.381	93	236009	25.568	ng/ul#	76
12) 2-Chlorophenol	7.528	128	232988	25.878	ng/ul	94
13) 2-Methylphenol	8.405	108	235501	25.485	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.499	45	359296	26.332	ng/ul#	84
16) Acetophenone	8.787	105	394028	25.305	ng/ul#	79
17) N-Nitroso-di-n-propyla...	8.775	70	208775	25.862	ng/ul#	71
18) 4-Methylphenol	8.728	108	257561	25.738	ng/ul	89
19) Hexachloroethane	9.052	117	98176	25.828	ng/ul#	81
22) Nitrobenzene	9.163	77	303132	25.893	ng/ul#	84
23) Isophorone	9.699	82	584698	24.238	ng/ul	97
25) 2-Nitrophenol	9.875	139	140539	26.352	ng/ul#	87
26) 2,4-Dimethylphenol	9.940	107	305703	24.154	ng/ul#	80
27) Bis(2-Chloroethoxy)met...	10.175	93	344421	24.318	ng/ul#	96
29) 2,4-Dichlorophenol	10.416	162	251438	24.786	ng/ul#	82
30) Naphthalene	10.822	128	803643	24.706	ng/ul	97
32) 4-Chloroaniline	10.922	127	314068	21.296	ng/ul	98
33) Hexachlorobutadiene	11.116	225	178387	24.416	ng/ul	95
34) Caprolactam	11.693	113	90787m	27.062	ng/ul	
35) 4-Chloro-3-methylphenol	12.046	107	309520	25.181	ng/ul#	71
36) 2-Methylnaphthalene	12.428	142	577723	24.311	ng/ul	92

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.646	142	587153	24.470	ng/ul#	97
39)	1,2,4,5-Tetrachloroben...	12.793	216	343550	24.671	ng/ul#	96
40)	Hexachlorocyclopentadiene	12.781	237	200365	20.735	ng/ul	96
41)	2,4,6-Trichlorophenol	13.028	196	223548	25.138	ng/ul#	81
42)	2,4,5-Trichlorophenol	13.098	196	247726	25.777	ng/ul#	87
43)	1,1'-Biphenyl	13.434	154	813041	24.482	ng/ul	93
44)	2-Chloronaphthalene	13.475	162	622988	24.405	ng/ul	93
45)	2-Nitroaniline	13.669	65	213535	28.544	ng/ul#	82
47)	Dimethylphthalate	14.051	163	836568	24.312	ng/ul#	93
48)	2,6-Dinitrotoluene	14.163	165	175061	27.658	ng/ul	97
50)	Acenaphthylene	14.316	152	1031074	24.667	ng/ul	95
51)	3-Nitroaniline	14.487	138	163151	24.795	ng/ul#	84
52)	Acenaphthene	14.657	153	663599	24.247	ng/ul	98
53)	2,4-Dinitrophenol	14.693	184	94316	24.652	ng/ul#	81
55)	4-Nitrophenol	14.793	109	148913	24.949	ng/ul#	53
56)	Dibenzofuran	14.993	168	978817	24.301	ng/ul	97
57)	2,4-Dinitrotoluene	14.945	165	259996	27.974	ng/ul#	79
58)	2,3,4,6-Tetrachlorophenol	15.216	232	218782	24.968	ng/ul#	86
59)	Diethylphthalate	15.416	149	864501	24.276	ng/ul	93
61)	Fluorene	15.645	166	809308	24.393	ng/ul	92
62)	4-Chlorophenyl-phenyle...	15.640	204	422225	23.934	ng/ul	97
63)	4-Nitroaniline	15.651	138	189118m	28.695	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.716	198	149801	25.450	ng/ul#	92
67)	N-Nitrosodiphenylamine	15.845	169	707550	24.727	ng/ul	94
68)	4-Bromophenyl-phenylether	16.534	248	264220	24.419	ng/ul	95
69)	Hexachlorobenzene	16.651	284	308424	24.789	ng/ul#	88
70)	Atrazine	16.804	200	284794	24.113	ng/ul#	89
71)	Pentachlorophenol	16.992	266	199010	23.631	ng/ul#	85
72)	Phenanthrene	17.387	178	1337228	25.062	ng/ul	98
74)	Anthracene	17.481	178	1354416	25.037	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.398	216	361738	25.030	ng/uL#	85
76)	Pentachlorobenzene	14.916	250	346467	24.595	ng/uL	90
77)	Carbazole	17.745	167	1229590	25.151	ng/ul#	96
78)	Di-n-butylphthalate	18.298	149	1507166	25.071	ng/ul#	93
80)	Fluoranthene	19.351	202	1668210	24.880	ng/ul#	95
82)	Pyrene	19.704	202	1705678	25.090	ng/ul#	93
83)	Butylbenzylphthalate	20.575	149	707482	25.369	ng/ul#	78
84)	3,3'-Dichlorobenzidine	21.339	252	548728	24.142	ng/ul#	96
85)	Benzo(a)anthracene	21.410	228	1702816	25.183	ng/ul	95
86)	Bis(2-ethylhexyl)phtha...	21.339	149	1034315	24.657	ng/ul#	81
87)	Chrysene	21.469	228	1660170	25.448	ng/ul	98
89)	Di-n-octyl phthalate	22.286	149	1780676	24.679	ng/ul	100
90)	Benzo(b)fluoranthene	23.139	252	1725892	25.224	ng/ul	99
91)	Benzo(k)fluoranthene	23.192	252	1637088	26.220	ng/ul#	98
93)	Benzo(a)pyrene	23.786	252	1635077	25.780	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.474	276	1685091	25.408	ng/ul#	95
95)	Dibenzo(a,h)anthracene	26.498	278	1460391	25.394	ng/ul#	97
96)	Benzo(g,h,i)perylene	27.262	276	1375994	25.162	ng/ul#	91

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

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